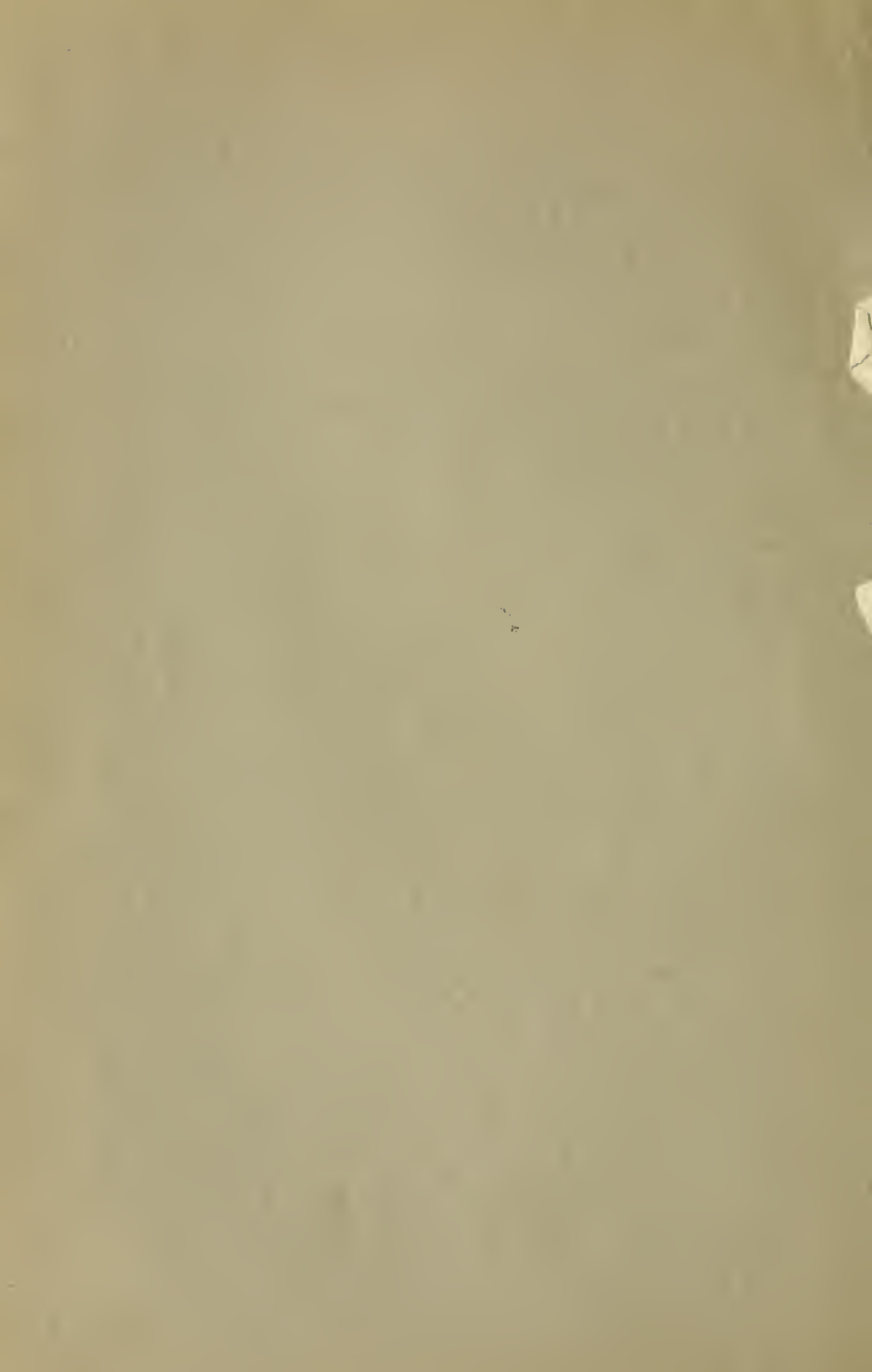


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# NORTH GEORGIA COLLEGE



1930-1931



FIFTY-SEVENTH ANNUAL CATALOG

# NORTH GEORGIA COLLEGE

SUCCESSOR TO

NORTH GEORGIA AGRICULTURAL  
COLLEGE

Branch of the University of Georgia

DAHLONEGA, GEORGIA



CHARTERED 1871

1929-1930  
ANNOUNCEMENTS

1930-1931

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## CALENDAR YEAR, 1930-31

September 16, 1930_____	Matriculation
September 17-18_____	Class Work Assigned
November 27_____	National Thanksgiving Day
December 16-19_____	Fall Term Examinations
Dec. 20, 1930-Dec. 31, 1930_____	Christmas Holidays
January 1_____	Winter Term Begins
February 22_____	Washington's Birthday
March 16-19_____	Winter Term Examinations
March 20_____	Spring Term Begins
April 26_____	Decoration Day
June 2-5_____	Spring Term Examinations
Sunday, May 31_____	Commencement Sermon
June 1—Graduating Exercises and Annual Meeting of Board of Trustees	

## BOARD OF TRUSTEES

A. S. HARDY, *Chairman*-----Gainesville, Ga.  
Term expires Oct. 1st, 1932.

JOHN H. MOORE-----Dahlonega, Ga.  
Term expires Oct. 1st, 1934.

J. F. PRUITT-----Dahlonega, Ga.  
Term expires Oct. 1st, 1934.

DR. A. S. CANTRELL-----Dahlonega, Ga.  
Term expires Oct. 1st, 1930.

S. C. DUNLAP-----Gainesville, Ga.  
Term expires Oct. 1st, 1930.

M. L. DUGGAN, *State Supt. of Education* (Ex-officio)-----Atlanta, Ga.

LEE McLAIN-----Jasper, Ga.  
Term expires Oct. 1st, 1930.

G. B. WALKER-----Alpharetta, Ga.  
Term expires Oct. 1st, 1932.

R. H. BAKER, *Secretary and Treasurer*-----Dahlonega, Ga.

OSCAR PALMOUR, *Pres. Alumni Association*-----Atlanta, Ga.

## FROM THE UNIVERSITY BOARD

E. R. BARRETT-----Gainesville, Ga.

GEO. E. MADDOX-----Rome, Ga.

M. L. MCWHORTER-----Athens, Ga.

Board consists of three members to be appointed from Lumpkin County, four from the State at large, and three from the University Board. By an act of the legislature of 1925, the President of the Alumni Association of the N.G.C. is ex-officio member of the board.

## FACULTY AND OFFICERS

1930-1931

✓ CHARLES M. SNELLING, A.M., Sc.D.  
*Chancellor of the University*

✓ JOHN W. WEST, A.M.  
*President*

F. ANGELBERG,  
*Director of the Band*  
Retired U. S. Army Band Director.

J. C. BARNES, B.S.,  
*Professor of Mathematics*

B. S., N. G. College, 1902; graduate student Harvard University, Summer 1904, year 1909-10, and summer 1919; Prof. Mathematics N.G.C. since 1904.

P. D. BUSH, A.M.,  
*Professor of Education*

Graduate University of Georgia, B. S. Degree 1920; Graduate University of Georgia, A. M. Degree, 1921; Graduate Student, U. of Ga., summers of 1923 and 1928; Extension Student, U. of Ga., 1928-29; Teacher, Griffin High School, 1921-22; Principal, Warrenton High School, 1922-23; Teacher, N. G. C., since 1923.

✓ ANDREW W. CAIN, A.M.,  
*Registrar; Professor of Social Sciences*

A. B., N. G. College, 1900; A. M. University of the Philippines, 1913; Summer Schools University of Georgia and University of Texas, 1902, 1903, and 1905; graduate student University of the Philippines 1914, University of California, 1920, Columbia University, 1921, University of N. C., 1927. Author of *Methods for Young Teachers*, *History of the Spanish Normal School*, and *Philippine Government*. Principal High School in Texas, 1902-1907; Supt. Philippine Normal School 1910-1915; Division Supt. of Schools, Philippine Islands, 1915-1919; present position as Head of Department of Social Sciences since 1920.

✓ CHARLES CARLTON, 1st Lieut. Inf. (D.O.L.)  
*Assistant Professor Military Science and Tactics*

✓ W. J. COTTEN, A.M.  
*Department of Latin Language and Literature*

A. B. Elon College, N. C., 1915; M. A. Elon College, N. C., 1916; University of Chicago summers of 1919, 1921, 1924, 1925, 1926, 1927; Instructor and Assistant Professor Latin and French, Elon College, N. C., 1915-1928; Teacher of Latin in High School, Petersburg, Virginia, 1928-1929; Head of Department since 1929.

✓ BENJAMIN P. GAILLARD, A.M., Ph.D.,  
*Professor of Physics and Geology*

A. B. Oglethorpe University, 1873; graduate student Harvard University, 1889; graduate student, Chicago University, 1902; M. A. University of Georgia; D. Ed., Oglethorpe, 1924; Instructor, N. G. C. since 1875.

✓ CAPT. RAYMOND C. HAMILTON, Inf. (D.O.L.)  
*Professor Military Science and Tactics*

J. R. HITCHCOCK, B.S., E. M.,  
*Professor of Mining Engineering*

Bachelor of Science in Mine Engineering, N. G. College, 1929; with Tennessee Copper Co., 1929. Second Lieutenant Infantry Reserves.

P. M. HUTCHERSON, B.S.C., Lieut. O.R.C.,  
*Commandant*  
*Associate in Commerce*

C. C. JARBARD, A.B., A.M.,  
*Modern Languages*

A. B., N. G. College, 1926; Summer Schools University of Georgia, 1921, 1922 and 1924; Prin. Maysville High School, 2 years, Hephzibah High Schools, 4 years, and 4 years, experience in elementary and junior high schools of the state. A. M., U. of Ga., 1928.

MISS BERTIE MCGEE, A.B., B.S. Com., M.S.  
*Professor of Business Science*

A. B., 1916, N. G. College; B. S. Com., 1926; Adjunct Professor Commercial Department 1917-1928; Head of Department since 1928; graduate student, University of California; M. S., University of N. C.

MISS IRENE MOORE,  
*Home Economics*

Head of Dept. since 1924.

H. E. NELSON, B.S., A. M.,  
*Professor of English*

Graduate N. G. College, B. S. Degree, 1911; Graduate University of Georgia, M. A. Degree, 1916; Graduate Student, U. of Ga., summers 1913, 1914, 1915, and 1916; Graduate Student Columbia University, summers of 1920 and 1925; Principal Lucy Hill Institute, 1911-13; Principal Chatsworth High School, 1913-16; Supt. Blairsville Collegiate Institute, 1916-20; Supt. Lithonia Public Schools, 1920-22; Pres. Hiawassee Academy, 1922-28; Supt. Seventh District A. & M. School, 1928-29; Eng. Dept., N. G. C., 1929-30.

E. N. NICHOLSON, B.S. Agr., Lieut. O.R.C.,  
*Professor of Agriculture*

B. S. Agr., 1915; graduate student University of Wisconsin, 1916, 1917; 1st Lieut., O. R. C.; Head of Dept. since 1915.

MILES C. WILEY, B.S., A.B.,  
*Professor of Chemistry*

B. S., N. G. College, 1914; graduate student Peabody College, 1923; graduate student Ohio State University, 1926 and 1929; Major, O.R.C.; 3 years public schools of Georgia; 3 years Mathematics and Science, 9th District A. & M.; Prof. Chemistry N. G. C. since 1921.

MISS MATTIE CRAIG,  
*Librarian*

Special student, University of California, 1926; Library School Emory University, 1927 and 1928.

H. HEAD, M.D., Major O.R.C.,  
*College Physician*

## FACULTY COMMITTEES

### CURRICULUM

PROF. CAIN, *Chairman*

MISS MCGEE  
PROF. BAENES

PROF. BUSH  
PROF. HITCHCOCK

### BROWN FUND

PROF. JARBAED, *Chairman*

PROF. HUTCHEESON

DR. GAILLARD

### LIBRARY

PROF. COTTEN, *Chairman*

PROF. NELSON

MISS IRENE MOORE

### ATHLETIC

PROF. BUSH, *Chairman*

PROF. NICHOLSON

PROF. HITCHCOCK

### MILITARY

PROF. WILEY, *Chairman*

PROF. NICHOLSON

PROF. HUTCHEESON

### DORMITORY

PROF. NELSON, *Chairman*

PROF. BUSH

PROF. WILEY



## WHY WE SHOULD GO TO COLLEGE

The question comes to the mind of each boy or girl, "Why go to College?" Especially is this true when there are so many allurements of wealth and pleasure around us.

There are many reasons at the present day why every boy or girl should go to College. First, his Country needs him as an educated man. Second, is his money value. The College graduate multiplies his money-earning capacity by four, over the Grammar School graduate, and by two over the High School graduate. Then the pleasure of being a leader is a "consummation devoutly to be wished." Greatest of all is one's capacity for doing good. This is multiplied, some thirty, some sixty, and some one hundred fold, by a College education.

If one should go to College, he should be very careful in his selection of the same.

### INTRODUCTION

The North Georgia College fills a unique place in the educational life of the State. It stands out in several characteristics.

First: As a Military School. Having been, since its founding, a Military College, it has prided itself on its efficiency. The Government has recognized its thorough work and has given some of its graduates commissions in the Army on a par with the graduates of the U. S. Academy at West Point.

The Board of Inspectors sent out by the 4th Corps Area Headquarters to reclassify all the Military Colleges of the area, divided all units into three classes: "Excellent," "Satisfactory," and "Unsatisfactory." The N. G. C. was found "Excellent." This entitles 5% of its graduates to be selected as "Honor Graduates," and this may mean a commission in the Army.

Second: Dormitory Restrictions. Many parents wish their sons held to strict account for their whereabouts at

night. Temptations to indulge in games, automobile rides and other pastimes, take them away from their books, and consequently a college career is frequently disappointing to parents and tragical for the boys. Call to quarters at 7 p.m. sends a boy to his room, where he must be quiet. At Taps, he must go to bed. Reveille calls him out to setting-up exercises. The regular habits thus developed prove quite an asset to these men as citizens later. Card playing is forbidden in the dormitories. Each boy is required to clean his own room. When everyone does that, no one thinks of it as a hardship. The boy that cares for a room now will know how to care for an office or a bank later.

Third: Regardless of the twenty-eight separate and distinct minerals in the State of Georgia, the market value of which is \$20,000,000 annually, and thousands of men engaged in that work, all of our scientific miners have to be brought from other places. The N. G. College is the only one in the state giving a course in mining. The splendid location of the school, in a mining section, enables it to do this better than any other school could. The hills around it are its laboratories. The specimen for the assay office can be picked up on the Campus, instead of having to be brought from a distance, at great expense.

Fourth: Because of the splendid farm, and the fact that the Trustees have given this to the dormitory, the board is better here than can be found elsewhere at the same price. Added to this, the fact that this is a State institution and has considerable support from the Government puts a degree here at about one-half the cost of the other standard colleges of the state.

## **GENERAL INFORMATION**

### **Origin and Purpose of the College.**

This College owes its origin to the Act of Congress of July 2, 1862, entitled "An Act donating public lands to the several states and territories which may provide colleges



have designed the location at the foot hills of the Blue Ridge as a health resort and a seat of learning. There are no mosquitoes, no malaria, and the place is well drained and kept so clean that there are comparatively few flies even in the summer.

The location is practically free from all diseases that ordinarily attack people in lower altitudes. Students gain in weight several pounds during the year. The dormitories are kept in the finest sanitary condition during the entire session, and no institution in the State has a finer health record than this college has had from the beginning.

### **Physical Examination.**

A necessary safeguard for the health of the entire student body is the physical examination given to each boy upon entering. The College Surgeon is a member of the Officers Reserve Corps, United States Army, and has had special training for this particular work.

No student having a contagious disease to which his fellow students will be exposed will be admitted until the danger is removed. The examination shows also what particular development is needed by each boy so as to bring him to strong and vigorous manhood. As a precaution, students will be given such vaccination and inoculations as are authorized by the Government.

### **The College Farm.**

The college farm comprises one hundred and sixty acres, all of which is in a high state of cultivation, except certain areas reserved for pasture lands. The crops grown on the farm illustrate the methods and the possibilities of farming these lands and at the same time furnish abundant food supplies for the college dormitories, thus materially reducing the cost of board to the student.

A young orchard is just coming into bearing. Already an area of twelve and a half acres has been set to upward of 700 fruit trees; and when the orchard is completed it

for the benefit of agriculture and mechanic arts." The Act contemplates the "endowment, support and maintenance of at least one college in each state where the leading object will be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts in such manner as the legislatures of the states may respectively prescribe, in order to promote the liberal and practical education of the industrial classes."

The fund having been received by the state, the interest of it was placed under the control of the Trustees of the University on the conditions specified in the donation. The Trustees of the University appoint the President of the College, making a certain allowance for its support, to-wit: \$2,000 annually, and exercise over it a general supervision.

North Georgia College is organized and administered on a military basis. This system has been found to be the most satisfactory for the conditions existing, and has been in use by the college from the date of its founding, except for a brief period beginning in 1923.

The college is classed by the U. S. Government as an "Essentially Military College," being one of eight colleges in the United States so classified. It is the only one in Georgia, and, since 'Essentially Military Colleges' strive to emulate the traditions of West Point, it may well be called Georgia's West Point. At one time it was said of it by General Robert Lee Bullard that it was one of the two finest military schools in the country. General Bullard was formerly Commandant of Cadets and Professor of Military Science and Tactics here.

The students are habitually in uniform and constantly under military discipline. For details with reference to the military regime, to the Reserve Officers' Training Corps Course, and to the uniform, equipment and pay furnished by the Government, see these subjects under the heading

**"Corps of Cadets," "Reserve Officers' Training Corps," and "Expenses."**

### **Location.**

The College is located at Dahlonega, twenty-five miles from Gainesville. Gainesville is on the main line of the Southern Railway. A state highway has been completed from Gainesville to Dahlonega. This highway affords transportation in motor cars all the year. An automobile can now make the trip from Gainesville to Dahlonega in one hour. There is a national highway from Atlanta via Roswell, Alpharetta, Cumming, Dahlonega and on through the mountains to Asheville, North Carolina.

By this highway, automobiles can easily make the trip from Atlanta to Dahlonega in three hours. While the college may be readily reached without difficulty, it is not located in a center of population, and is, therefore, free from the distracting influences that so often interfere with the work of a college student in the vicinity of a great city. Facilities for exercise and recreation are unsurpassed, and there is as much entertainment as the busy student can afford to enjoy.

### **Fifty-seven Years Old.**

The institution completes this year its fifty-seventh session. Approximately seven thousand young people of the States received a part, and in many cases all of their higher education here. Many of the men who are now the aggressive and constructive leaders in all sections of the state received their training at this College. This is the oldest branch of the State University, and can modestly claim its full share of intelligent and efficient leaders among the foremost workers of the State. If an institution is to be measured by the number of men it contributes to the active and progressive forces of civilization, this institution will compare favorably with any college in the country.

### **Health Record.**

Dahlonega is known far and wide for its fine climate. The elevation is 1500 feet above sea level. Nature seems to

will comprise twenty acres with 1200 trees representing a great variety of fruits adapted to this section of the country.

### **The Library.**

The library consists of some 12,000 books. In addition to this, the leading magazines are found on the reading tables. The books have been selected with reference to their being used by students, furnishing auxiliary information on topics of daily interest. The librarian is sympathetically co-operative with students and helpful to the faculty. The faculty assists students in their reading by giving references that may be found among books on hand. In an important sense, the library is an academic laboratory, in which problems are worked out.

### **The Industrial Building.**

The new Industrial Building is a brick structure sixty feet wide and one hundred and twenty feet long, three stories high, well lighted, and equipped with steam heat, and lavatories on each floor.

The building provides quarters for the departments of Mining and Electrical Engineering, Agriculture, Chemistry, Home Economics, Mathematics and Commerce, and offices for the Commandant and for the Department of Military Science and Tactics.

The Manual Training Department, Assay and Metallurgical laboratories are housed on the ground floor of this building. The shops are equipped with the most up-to-date machinery; the machines used being those best adapted to instruction.

The Wood-Working Shop is equipped with a twenty-six-inch Frank Cabinet Planer, Baker Universal Saw, Hand Planer, Jig Saw, and the like. With the use of these machines it is possible to do the best kind of wood work.

The machine shop contains drill presses, metal lathes, and so forth; the Wood Turning Shop is equipped with wood lathes.

The power for the shops is supplied by a 20-horsepower gasoline engine.

With the present equipment of this department it is possible to provide what every young man should possess—hand knowledge, the use of tools—as no young man of the present day is thoroughly equipped without this training.

The second floor provides ample room for the Departments of Chemistry, Type-writing and Accounting, Drafting and Mathematics. The drafting room is an especially well-lighted and pleasant room.

### **Literary Societies.**

The Literary Society at Dahlonga is a standard part of college work, and there arises from it a spirit that is academic and practical. It is co-existent with the college. From its halls have gone men equipped in thought and power of expression to become leaders at the bar and in legislative halls.

No part of a college course is more valuable than the training derived from taking an active part in a good literary society. It is here one learns to think and to express himself while standing; to meet his antagonist in mental contests.

There are two well-organized literary societies for men, the Decora Palaestra and the Phi Mu. They furnish unexcelled opportunities to students who wish to develop and improve themselves in elocution, reading, composition and debate. They meet each Monday evening.

Joint debates are arranged between these societies at regular intervals during each year. The champion debate is held during commencement week and forms an important part in the regular exercises.

Intercollegiate debates are arranged whenever practicable, and these offer splendid opportunities for displaying true college spirit. Also the drill in the use of parliamen-



tary law is an important consideration and can be developed nowhere better than here.

The Corona Hederae Society for young women affords an important feature of their college work. In this society, emphasis is placed on readings, recitations, dramatics, and music; but the society arranges several debates during the year.

### **Athletics.**

Provision is made for a reasonable amount of athletics for students. Arrangements include Tennis, Basketball, Baseball, Football, Track, Cross Country Running, Field Meets, and Boxing. Competition provoked by athletic sports is keen, and one of the shortest routes to Americanism today is through the avenue of athletics and games. Team work is the most important factor in successful athletic competition, and good fellowship is the happy result.

The college authorities are gradually enlarging and improving the equipment, so as to give students every possible opportunity for physical development. The new gymnasium erected by the alumni is a great aid in this work.

The College assumes no responsibility, financial or otherwise, for students injured in any way in athletic contests. These activities are all left to the wish and discretion of the individual student. The College furnishes equipment for those who wish to take part and also the best instructors, and takes every precaution regarding accidents. Hospital bills, ambulance bills, or anything beyond the regular attention of the College Physician must be paid for by the student himself.

### **The Barracks.**

The barracks on the college grounds will accommodate 150 students. Each building is under the immediate supervision of resident members of the faculty, thus securing personal attention to the needs of the students that can be brought about satisfactorily in no other manner.

All male students, except those who reside in Dahlonga

and those who are able to make more economical arrangements elsewhere, are required to live in the barracks.

Owing to limited space, no reservations will be held for a student in the college dormitories unless a deposit of \$20.50 is made with the Superintendent of Barracks by or before September 1st. This deposit will cover board for one month, and breakage deposit.

Control of the barracks is vested in the President and faculty, who make, and through the Commandant of Cadets and Superintendent of the Barracks, enforce such regulations as appear necessary from time to time.

Automobiles at Colleges are one of the most prolific sources of trouble. Students and parents are notified that they will not be allowed at this college.

### **The Band.**

One of the outstanding features of the N. G. C. is its Band. The Government furnishes instruments for thirty parts—but they would amount to but little without a high-class instructor. Professor Angelsburg has had many years experience in the army as Band Director. He takes special pride in his work, with a result that a very high class of art is produced.

To one with any musical ability, this is a great opportunity. Personal instruction by the College and instruments by the Government give a boy not only the most cultural training but also a very lucrative accomplishment. The equal of the N. G. C. Band is hard to find, outside of professionals.

### **Orchestra.**

The various members of the Band that are interested in orchestra work have organized an orchestra. This is not only a source of pleasure and development, but frequently they have engagements from which they make some money. The regular orchestra consists of eight members.

### **Room Furnishing.**

Rooms are furnished with beds, mattresses, tables, chairs, wash basins, electric lights, and heating arrange-

ments. Each student must provide his own pillow-cases, pillow, sheets, bed covering and toilet articles. At least two pillow-cases and four sheets should be brought. Such articles as the student will need, if not named in the foregoing list as being furnished by the dormitory, should be shipped by express or otherwise, directed to the Superintendent of Barracks, Dahlonga, Georgia, via Gainesville, so as to reach their destination about a week before the student expects to arrive. Names of owners should be printed or written on trunks and other articles in such a way that they will not be effaced in shipment.

### **Girls' Dormitory.**

So as to give the girls board and accommodations on a par with the boys and with girls at other colleges, the management has leased a hotel and converted it into a dormitory. The girls in it are required to keep quarters and are under military discipline just as much as the cadets.

This building has splendid modern conveniences including electric lights, steam heat, tub baths, etc.

It is under the supervision of Mrs. Jarrard, the wife of one of our professors, and the girls are looked after by the College Physician regarding health.

A great deal of the food for the dormitories comes from our own dairy, gardens and farm. Thus we have the best available at minimum cost.

Board can be secured in private families at from \$5.00 to \$7.00 per week, according to the accommodations. There are ample accommodations for one hundred girls.

This being a State institution, there is no tuition.

### **How to Reach Dahlonga.**

Students from neighboring counties, and others who prefer to come by automobile, will consult the road maps for itineraries and will reach Dahlonga by one of the highways. Those who come by railroad will arrive at Gainesville and take automobile from there to Dahlonga. At the



opening of the session in September, a representative of the college meets all trains for the purpose of giving information and offering any assistance that students may need. The rate from Gainesville to Dahlonga does not exceed \$1.00 for each passenger.

The Atlanta-Dahlonga Bus Line gives a quick and very satisfactory way to reach Dahlonga from Atlanta. These busses leave the Princeton Hotel in Atlanta at 7:30 a. m. and 3:00 p. m. Central time. The fare, \$2.50, is cheaper than railroad fare.

Trunks are delivered in lots of ten or more at seventy-five cents each. In lots of less than ten the price does not exceed a dollar for each trunk.

### **The Charles McDonald Brown Fund.**

From the Charles McDonald Brown Scholarship Fund the institution receives \$1,800.00 annually. This is to aid worthy young men who are unable to pay their way through college. The applicant must be at least eighteen years of age, in good health and must reside in one of the following counties: Rabun, Habersham, Towns, Union, Fannin, Dawson, Murray, White, Lumpkin, Gilmer, Pickens, Cherokee, Forsyth, Stephens, Banks, Hall, Madison and Hart in Georgia and Oconee, Anderson and Pickens in South Carolina.

This sum will be divided into parts allowing one part to each county. It is the purpose of the bequest to aid one young man from each of the counties above named. All applications must be sent to the Chairman of the Brown Fund Committee on or before September 1st of each collegiate year.

### **Knights Templar Educational Loan Fund.**

Five seniors or juniors received loans from the Knights Templar during this year. The loan amounts to \$100.00, and is to be paid as soon as possible after the beneficiary leaves college. Interest is at a low rate. Only those stu-

dents who are unable to pursue their courses from lack of funds and who are in every way worthy of this loan, are eligible for it.

## **MEDALS AND AWARDS.**

**Rice Latin Medal.** Donated to the college by the late Hon. Frank P. Rice of Atlanta. Awarded annually at commencement to the college student making the highest average in Latin for the year.

**Clark Mathematics Medal.** Awarded annually at commencement to the college student making the highest average in mathematics for the year. The medal was donated to the college by the late Hon. Harlow Clark.

**Individual Drill Medal.** Awarded at commencement to the individual student making the best record in military including a prize drill.

**Marksmanship Medal.** Awarded to the cadet making the highest score in marksmanship at the target range.

**Honor Company.** This designation is given for the following year, to the cadet company rated the highest for the entire year, and carries with it many privileges not permitted the other organizations.

**Prize Trip.** Wishing to stimulate the highest type of rivalry among the two companies and the band, Col. Sam Tate, of Tate, Georgia, promised to the best all-around captain and to the best all-around enlisted man a trip to Washington, Baltimore, Annapolis, and the surrounding country for the year 1928. This same trip was given in 1929 by the citizens of Dahlonga. These trips were won in 1928 by Capt. A. L. Peyton, of Mt. Airy, Ga., and J. R. Hitchcock, of Covington, Georgia, in 1929, by A. C. Lankford, of Pearson, Georgia, and William E. Goble, of Whitestone, Georgia. The trip is given for 1930 by Col. W. C. Martin, of Dalton, Georgia, a graduate of this college.

**Company Saber.** Awarded at commencement to the

cadet company commander who makes the highest record including a competitive military drill.

### **CHURCH OPPORTUNITIES.**

There are three Protestant denominations in town, each of which maintains a Sunday School and holds weekly church services. All of the churches extend to students a hearty welcome.

There are chapel exercises of a religious character and all students are required to attend. These exercises are held in the college chapel at the opening of the daily session and are under the direction of a member of the faculty.

Young people also have the opportunity of participating in organizations within the churches such as Epworth League and the Baptist Young People's Union.

Students are required to attend service on Sunday morning.

### **RESERVE OFFICERS TRAINING CORPS.**

The student body of the College is organized as a Corps of Cadets, to which all male students belong, whether or not they are eligible to enter the Government organization known as the Reserve Officers Training Corps. This corps consists of a battalion which has a headquarters and staff, a band, and two companies. Each company and the band has its own officers and non-commissioned officers chosen by the school authorities from among the older students. The discipline and conduct of the entire school body is controlled through these cadet officers and non-commissioned officers. They enforce the college regulations, report violations of same, supervise formations and exercises, call the rolls, report absentees, and are responsible for the care of the rooms and parts of the barracks assigned to their organization, having power to make details for the purpose. The college has no place for any student who objects to such a system or feels that his place in the world is jeopardized by taking orders from his fellow students or by at-

tending to the various menial tasks which are necessary in the care of a building or of his own room.

The administration of the discipline is placed, under rules and regulations made by the President and faculty, in the hands of a faculty member known as "Commandant of Cadets."

### Commandant.

This is one of the most responsible positions connected with the College. Prof. Hutcherson, whose experience as a disciplinarian pointed him out for this particular work, has this duty. He is firm, though fair.

The Commandant of Cadets publishes and enforces the regulations laid down by the faculty, and awards punishment for violations of the rules, bringing serious offenders before the President or faculty for their action.

Among the general rules laid down by the faculty are the following:

Students must report to the Registrar of the College to be enrolled and classified, as soon as practicable after reaching Dahlonaga.

Permission must be obtained from the President or his representative for students to be absent from any college duties; permission from the Commandant and Superintendent of Barracks must be obtained for going more than five miles from the college, and to be absent from dormitory or military duties.

Fire-arms, other than rifles issued to cadets, playing cards, fire-works of any kind, dynamite caps, fuse of any kind, or any other thing that would endanger boys to accident or the buildings to fire, will not be allowed in the barracks. There are many things, such as drinking, cheating, gambling, profanity, lying, or any other form of immorality, that will totally disqualify a student for honorable standing in this college.

Punishment shall consist of denial of privileges, extra duty, reduction to ranks of officers, restriction to limits,



- 1 WILLIAM P. PRICE MEMORIAL (Main Bldg)
- 2 BOYS' DORMITORY
- 3 BATTALION PARADE
- 4 PORTICO TO INDUSTRIAL BUILDING AND  
DAVID W. LEWIS MONUMENT

### College Scenes and Equipment

- 5 LIBRARY
- 6 GIRLS' DORMITORY
- 7 CORNER OF ENGINEERING ROOM
- 8 FIELD PIECE
- 9 600-YARD TARGET RANGE
- 10 TYPEWRITING ROOM
- 11 ONE POUNDER, TRENCH MORTAR  
AND MACHINE GUNS

- 12 N. G. C. BUS
- 13 GYMNASIUM
- 14 CHEMICAL LABORATORY
- 15 ASSAY OFFICE
- 16 MACHINE SHOP

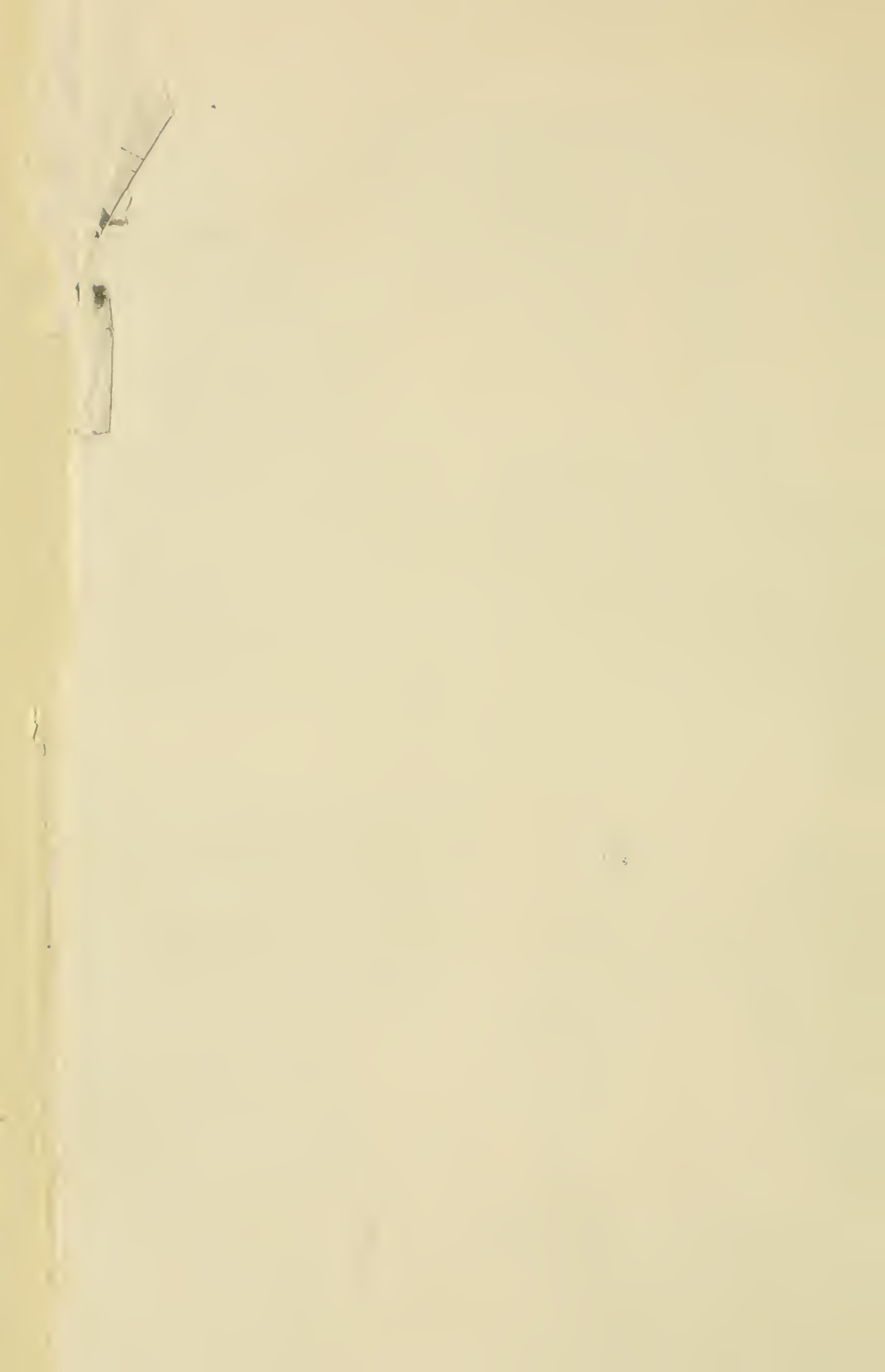
## NORTH GEORGIA COLLEGE DAHLONEGA, :: GEORGIA

- 1 TABLET ON NEELE GAP MONUMENT
- 2 GOLD MILL BUILT IN 1900
- 3 CANT CREEK FALLS AND BATHING POOL

### Scenes Near Dahlonega

- 4 WIMPY'S MILL
- 5 BIGGEST OVERSHOT WHEEL IN GEORGIA
- 6 GOLD MILL BUILT IN 1928







arrest, suspension and dismissal. As restrictions and arrests are questions of honor, violations of the same shall be punished by dismissal.

Members of the battalion are required to provide themselves with a regulation College Dress Uniform. This uniform is purchased by the student after arrival at the college, and costs approximately \$32.00.

## **FEES, DEPOSITS AND EXPENSES.**

### **Fees Required of Every Student.**

Matriculation fees for the year -----	\$20.00
Library fees for the year -----	2.00

Students from states other than Georgia will be charged a tuition of \$50.00 in addition to the other fees specified.

### **Additional Fees Required for Certain Courses.**

Chemical laboratory for the year -----	10.00
Mining fee for the year (except Senior) --	10.00
Shop fee required for agricultural students taking shop work, for the year -----	10.00
Typewriting fee for the year -----	6.00
Home Economics -----	6.00
Physical laboratory for the year -----	4.00
Geological laboratory for the year -----	4.00
Botany fee -----	4.00
Agricultural fee for year -----	5.00
Athletic fee, paid in advance -----	10.00
Graduation fee -----	5.00

The chemistry fee is required of all students taking chemistry. The mining fee is required of students for the first three years of the mining course. The shop fee is required only of agricultural students during the Freshman, and Sophomore years. The typewriting fee is required of all students taking typewriting as a part of the business course or otherwise. The physics and geology fees are paid only by students who pursue those subjects.

All of the above-mentioned fees, except the athletic fee, may be paid in two equal installments, one at the opening of the college year in September and the other immediately after the Christmas vacation.

#### **Deposits to Cover Breakage and Losses.**

Breakage deposit for students taking chemistry -----	\$ 4.00
Uniform deposit for students in the military department. -----	5.00

These deposits, less breakage or shortage, will be returned to the student at the close of the year, or when he leaves college.

#### **Other Expenses Estimated.**

Board in the dormitory for the year -----	\$160.00
Books and stationery, about -----	15.00
Laundry work, about -----	15.00

Fees in clubs and fraternities at the option of the student.

Personal expenses, what the student makes them; should be very moderate.

Board in the dormitory will be \$4.50 per week, paid monthly in advance.

From the foregoing statements it will be seen that the actual expenses of attending college here for one year are from \$225 to \$250, depending upon the courses that are selected. The student must have at least \$100 at the opening of the college year in order to make his deposits, purchase books, pay fee for half of the year, pay in advance for one month's board, and order uniform.

The purely personal expenses of the student are over and above the foregoing estimate. On the other hand, the estimated cost is largely offset by the pecuniary benefits accruing to members of the advanced course in the Reserve Officers Training Corps. For detailed information



regarding these benefits, the prospective student is referred to the outline of the Military Department, including the pecuniary benefits of the Reserve Officers Training Corps unit.

### **UNCLASSIFIED STUDENTS**

Students are urged to pursue some regular course leading to a degree, even if such course is never completed. The unclassified student with an irregular program seldom realizes the greatest possible good from his college work. In no case will a student be permitted to omit or postpone any of the work of the entrance requirements. Students more than 20 years old whose preparation has been defective may be permitted to select college subjects without reference to any particular class or to the acquiring of a degree; but they must show ability to carry the course selected.

### **REQUIREMENTS FOR ADMISSION.**

Applicants for admission will not be received unless they present satisfactory evidence of their standing in schools previously attended. Students having graduated from accredited high schools will be admitted to the Freshman Class. Students from approved institutions are admitted upon probation to such advanced standing as they have acquired elsewhere, and after making good in this college are given full credit for the work done in other institutions.

All students who have not previously been enrolled here should get the Principal or other official in charge of records in the school last attended to forward, direct to the college complete transcript of all high school and college work done elsewhere. In the back of this catalogue is a blank for such transcript.

### **UNITS RECOGNIZED FOR ENTRANCE.**

Each subject named below is valued at a specific number of units if the proper time has been devoted to its preparation, but its value cannot rise above that number of units, although additional time may have been given to it.

English -----	1, 2, 3 or 4	units
History -----	1, 2, 3 or 4	units
Algebra (to quadratics) -----	1	unit
Algebra (quadratics and beyond) -----	$\frac{1}{2}$ or 1	unit
Geometry (Plane) -----	1	unit
Geometry (Solid) -----	$\frac{1}{2}$	unit
Trigonometry -----	$\frac{1}{2}$	unit
Latin -----	1, 2, 3 or 4	units
Greek -----	1, 2 or 3	units
German -----	1 or 2	units
French -----	1 or 2	units
Spanish -----	1 or 2	units

(Not less than one unit of any foreign language will be accepted.)

General Science -----	$\frac{1}{2}$ or 1	unit
Physics -----	$\frac{1}{2}$ or 1	unit
Chemistry -----	1	unit
Zoology -----	$\frac{1}{2}$ or 1	unit
Botany -----	$\frac{1}{2}$ or 1	unit
Physical Geography -----	$\frac{1}{2}$ or 1	unit
Zoology	<div style="display: inline-block; vertical-align: middle; font-size: 4em; line-height: 1;">}</div> Any two of these may be counted together as -----	1 unit
Botany		
Biology		
Physiology		
Agriculture -----	1	unit
(For Agricultural course) -----	1 to 3	units
Free Hand Drawing	<div style="display: inline-block; vertical-align: middle; font-size: 4em; line-height: 1;">}</div> The Entrance Committee may, after investigating each claim, grant a total credit not exceeding -----	1 unit
Manual Training		
Commercial Subjects		
Home Economics		
Music -----	1	unit
Military in standard unit -----	$1\frac{1}{2}$	units

For detailed information regarding the subject matter of the above units, teachers should consult standard texts and bulletins on the subject.

## REQUIREMENTS FOR THE SEVERAL DEGREES

The entrance requirements are uniform for all of the degrees except Bachelor of Science in Mine Engineering. In

foreign languages the requirements are as follow: Three units in Latin, or two units each in two of the following: Latin, French, German, Spanish. If, however, a candidate has an entrance condition in any of these languages, he will be required to remove the entrance condition by taking elementary courses in the College. One college year in a language is equivalent to two high school units.

### Bachelor of Arts

The foreign language requirement for this degree, in addition to the entrance requirement, is four college years: Two college years in Latin and two college years in either French or German.

For convenience in computing the total foreign language requirement, in high school and college, the following table may be consulted:

If the student has the following credits obtained from an accredited high school:	He must pursue the corresponding college courses as follow:
Latin (only) ----- 4 units	Latin 2 and French 1-2 or German 1-2
Latin (only) ----- 3 units	Latin 1 and 2 and French 1-2 or German 1-2
French ----- 2 units and	Latin 20 and 21 and
German ----- 2 units	French 2 and 3
French ----- 2 units and	Latin 20 and 21 and
Spanish ----- 2 units	French 2-3 or German 1-2
French ----- 2 units and	Latin 21 and 1 and
Latin ----- 2 units	French 2-3 or German 1-2
German ----- 2 units and	Latin 21 and 1 and
Latin ----- 2 units	French 1 and 2
German ----- 2 units and	Latin 20 and 21 and
Spanish ----- 2 units	French 1 and 2
Spanish ----- 2 units and	Latin 21 and 1 and
Latin ----- 2 units	French 1-2 or German 1-2
No foreign language	Latin 20 and 21 and French 1-2 and German 1-2

Additional combinations involving the same principles and requiring the same amount of work as the foregoing may be made. Applicants who have two units in only one foreign language will be allowed credit for what they have, but fewer than two units in any foreign language will be given no credit toward the foreign language requirement.

#### FRESHMAN CLASS

English 1 -----	3
Mathematics 1-2 (Trig., 1 hr.; Analyt., 2 hrs.) -----	3
(Or Math. 20. See Mathematics Department for explanation.)	
History 1—American Government, including legal requirements in Constitutions of Georgia and the United States -----	3
Military Science 1-B -----	1½
French or German -----	3
Latin 1—(See foregoing table relative to foreign language require- ments).	
Botany 21 -----	4

#### SOPHOMORE CLASS

History 2 -----	3
Military Science 2-B -----	1½
French or German -----	3
Latin 2—(See foreign language requirements above).	
Psychology 7 } -----	3
or	
Philosophy 1-2 } -----	
Mathematics 3, 4, 5 } -----	3 or 5
Chemistry 22 } -----	
English 2 } -----	
Economics 5 } Elect one -----	3
Education 4, 5, 6 } -----	

#### JUNIOR CLASS

Political Science -----	3
Military Science 1-A -----	3
French—(See foreign language requirements above).	
Latin 20 -----	3
Physics 21 -----	4
Major Elective -----	3
(Education, English, History, Latin, Mathematics.)	
General Electives to complete 54 hours.	

#### SENIOR CLASS

Military Science 2-A -----	3
(Non-military students must elect a total of nine hours in lieu of Military Science, at least six hours of which must be in advanced subjects.)	
Latin 21 -----	3
Major Electives -----	3
(A Major Elective is pursued for four years and the credit must be not fewer than twelve hours. Any of the following may be chosen as majors: Education, English, History, Latin, Mathematics.)	

General Electives to complete 69 hours.

(Before registering as a Junior, the student must elect his Major, and his Junior and Senior electives must be chosen with the advice and consent of the professor in charge of his Major.)

Advanced Courses must total at least (hours) ----- 27

(The following are regarded as advanced courses: Chemistry 30, Chemistry 80, Chemistry 90, Commerce 20, Education B, Education C, Education D, English 3, 5, English 8, French 3, History 20-21, History 22-23, Home Economics 3, Latin 3, Latin 4, Mathematics 7, 8, Mathematics 9, 10, Military Science 1-A, Military Science 2-A, Physics 4. Additional subjects may be designated by the Registrar as advanced subjects, depending upon the prerequisites already taken by the student, and his objective relative to his Major.)

### Bachelor of Science

For this degree the combined foreign language requirement, in high school and college, is four college years of twelve hours, of which not less than six hours must be taken in college French or German. In computing these combined requirements, one college year of three hours is accepted in lieu of two high school units.

The following table may be consulted to determine the foreign language to be taken in the college with varying entrance requirements.

If the student has the following credits obtained from an accredited high school:

Latin (only) ----- 3 units

Spanish ----- 2 units  
and

Latin ----- 2 units

French ----- 2 units  
and

German ----- 2 units

French ----- 2 units  
and

Spanish ----- 2 units

French ----- 2 units  
and

Latin ----- 2 units

German ----- 2 units  
and

Latin ----- 2 units

German ----- 2 units  
and

Spanish ----- 2 units

No foreign language

He must pursue the corresponding college courses as follow:

French 1 and 2

or

German 1 and 2

French 1 and 2

or

German 1 and 2

French 2 and 3

or

German and French 2

French 2 and 3

or

German 1 and 2

French 2 and 3

or

German 1 and 2

French 1 and 2

French 1 and 2

French 1 and 2

and

German 1 and 2

No credit is allowed for fewer than two high school units in a foreign language.

#### FRESHMAN CLASS

English 1	3
Mathematics 1-2	3
(Or Math. 20. See Mathematics Department for explanation.)	
History 1	3
Military Science 1-B	1½
French or German	3
Chemistry 22	5

#### SOPHOMORE CLASS

History 2	3
Military Science 2-B	1½
French or German	3
Mathematics 3, 4, 5	} 3, 5 or 8
or (and)	
Chemistry 30	
Botany 21	4
English 2	} Elect one (provisional)
Economics 5	
Education 4, 5, 6	
Psychology 7	
	3

#### JUNIOR CLASS

Political Science	3
Military Science 1-A	3
French or German (If not already completed).	
Physics 21	4
Major Elective	3
(Chemistry or Mathematics.)	
General Electives to complete 54 hours.	

#### SENIOR CLASS

Military Science 2-A	3
(See Senior A.B. for note regarding non-military students.)	
Major Elective	3
(Chemistry or Mathematics.)	
General Electives to complete 69 hours.	
(Junior and Senior electives must be chosen with the advice and consent of the professor in charge of the student's Major.)	
Advanced Courses must total at least (hours)	27
(See list of advanced subjects under the A.B. course.)	

#### Bachelor of Science in Commerce

The foreign language requirement for this degree is the same as for the B.S. degree, and is met in the same way. (See the tabular statement above).



## FRESHMAN CLASS

English 1	3
Mathematics 1-2	3
(Or Math. 20. See Mathematics Department for explanation.)	
History 1	3
Military Science 1-B	1½
French or German	3
Botany 21	4 or 5
or	
Chemistry 22	
Commerce A—Typewriting	1

## SOPHOMORE CLASS

History 33—American Economic History	1½
History 44—Industrial History of Europe	1½
Military Science 2-B	1½
French or German	3
Psychology 7	3
Commerce 1—Industrial Geography	1½
Commerce 2—Business Organization	1½
Commerce 5—Principles of Economics	3
Commerce 6—Elementary Accounting	3

## JUNIOR CLASS

Military Science 1-A	3
French or German (if not already completed).	
Commerce 20 —Business Law	3
Commerce 11 —Advanced Accounting	3
Commerce 26a—Theory of Money, Credit, and Prices	1
Commerce 26b—Commercial Bank, Theory and Practice	1
Commerce 26c—Money, Markets, and Reserve Banks	1
Mathematics 11—Theory of Investment	1½
Mathematics 6—Elements of Statistics	1½
Commerce 30—Corporation Practice	1
Economics 34—Public Finance	1

## SENIOR CLASS

Military Science 2-A	3
(See Senior A.B. for note regarding non-military students.)	
Commerce 12—Auditing	1½
Commerce 13—Cost Accounting	1½
Economics 37a—Life Insurance	1
Economics 37b—Property Insurance	1
Economics 36a—Social Problems	1
Economics 75 —Transportation	1
Economics 60 —Principles of Marketing	1
Economics 63 —Advertising	1
Commerce 3—Advanced Business Correspondence	1
General Electives to complete 69 hours.	

(General electives must be chosen with the advice and consent of the Head of the Commerce Department.)

## Bachelor of Arts in Education and Bachelor of Science in Education

The foreign language requirement for these two degrees is the same. That is, the combined requirement in

high school and college is the equivalent of four college years of twelve hours in Latin, French, and German, at least two years of which must be taken in the college. In computing these combined requirements, one college year of three hours is accepted in lieu of two high school units. The following is a statement of the different combinations by which the foreign language requirements for either of these degrees can be met.

---

If the student has the following credits obtained from an accredited high school:

---

Latin (only) ----- 3 units

---

French ----- 2 units  
and  
German ----- 2 units

---

French ----- 2 units  
and  
Spanish ----- 2 units

---

French ----- 2 units  
and  
Latin ----- 2 units

---

German ----- 2 units  
and  
Latin ----- 2 units

---

German ----- 2 units  
and  
Spanish ----- 2 units

---

Spanish ----- 2 units  
and  
Latin ----- 2 units

---

No foreign language

---



---

He must pursue the corresponding college courses as follow:

---

Latin 1 and 2  
or  
French 1 and 2  
or  
German 1 and 2

---

Latin 20 and 21  
or  
French 2 and German 2

---

Latin 20 and 21  
or  
French 2 and 3  
or  
German 1 and 2

---

Latin 21 and 1  
or  
French 2 and 3  
or  
German 1 and 2

---

Latin 21 and 1  
or  
French 1 and 2

---

Latin 20 and 21  
or  
French 1 and 2

---

Latin 21 and 1  
or  
French 1 and 2  
or  
German 1 and 2

---

Latin 20-21 and French 1-2  
or  
Latin 20-21 and German 1-2  
or  
French 1-2 and German 1-2

---



Fewer than two units in any foreign language are not counted toward the foreign language requirement.

If the teaching major and minor are taken in English, the social sciences, and modern languages, the degree conferred will be Bachelor of Arts in Education. If the teaching major and minor are taken in mathematics and the natural sciences, the degree conferred will be Bachelor of Science in Education. Applicants for either degree must obtain credit for three hours in psychology (Psychology 7 or Philosophy 1-2) and at least twelve hours in Education. Additional requirements are set forth below.

#### FRESHMAN CLASS

English 1	-----	3
Mathematics 1-2	-----	3
(Or Math. 20. See Mathematics Department for explanation.)		
History 1	-----	3
Military Science 1-B	-----	1½
Latin, French, or German	-----	3
Botany 21	} -----	4 or 5
or Chemistry 22		

#### SOPHOMORE CLASS

History 2	-----	3
Military Science 2-B	-----	1½
Latin, French, or German	-----	3
Philosophy 1-2	} -----	3
or Psychology 7		
Education 4, 5, 6	-----	3
English 2	} Elect one -----	3, 4 or 5
Economics 5		
Mathematics 3, 4, 5		
Chemistry 30		

#### JUNIOR CLASS

Military Science 1-A	-----	3
Foreign Language (if not already completed).		
Education B	-----	3
Education C	-----	3
Physics 21	-----	4
Major or minor teaching subjects to complete 54 hours.		

#### SENIOR CLASS

Military Science 2-A	-----	3
(See Senior A.B. for note regarding non-military students.)		
Education D	-----	3
Major and minor teaching subjects and general electives to complete 69 hours.		
Advanced subjects must total at least (hours)	-----	27
(See list of advanced subjects under A.B. course.)		

The combined credits for major and minor teaching subjects must total at least twenty-one hours, and must rep-

resent four years' work in the major and two or three years' work in the minor; or three years in each.

For the A.B. Education degree, any one of the following may be elected as the teaching major and either of the remaining subjects as the teaching minor: English, social sciences, foreign language. For the B.S. Education degree, either of the following may be elected as the teaching major and the remaining one as the teaching minor: Mathematics, natural sciences.

The general electives in the Junior and Senior classes must be chosen with the advice and consent of the Professor of Education.

### Bachelor of Science in Mine Engineering

Although embodied in the same organization and under the same administration as the regular college courses, the School of Mines is a specialized unit of the college, offering professional instruction for which there is a continuing demand. The courses in this school closely parallel those of the leading schools of mines in the West, this being the only institution of the kind in this section of the country.

Applicants for admission must be high school graduates, but there is no foreign language requirement either for entrance or as a part of the School of Mines curriculum.

#### FRESHMAN CLASS

<i>Courses</i>	<i>Hrs.Lect.</i>	<i>Hrs.Lab.</i>	<i>Credits</i>
Chemistry 22 -----	3	4	5
English 1 -----	3		3
History 1 (Const. Ga. and U. S.) -----	3		1½
Mathematics 20 -----	3		2 or 3
Military Science 1-B -----	Regular		1½
Mining 1a and 1b—Engineering Drawing --		9	4½

#### SOPHOMORE CLASS

<i>Courses</i>	<i>Hrs.Lect.</i>	<i>Hrs.Lab.</i>	<i>Credits</i>
Chemistry 30 -----	3	4	5
Mathematics 3, 4, 5 -----	3		3
Physics 21 -----	3	2	4
Mining 3 —Mineralogy -----	1	6	4
Mining 2a and 2b—Shop -----		2	1
Military Science 2-B -----	Regular		1½

#### JUNIOR CLASS

<i>Courses</i>	<i>Hrs.Lect.</i>	<i>Hrs.Lab.</i>	<i>Credits</i>
Mining 5 -----	1	2	2
Mining 5—Assaying -----	1	3	2½

Mining 7—Mine Surveying -----	1		1
Chemistry 80 -----	(1)	6	3
Geology -----	3	2	4
Mathematics 7, 8 -----	3		3
Military Science 1-A -----		Regular	3

#### SENIOR CLASS

<i>Courses</i>	<i>Hrs.Lect.</i>	<i>Hrs.Lab.</i>	<i>Credits</i>
Mining 9—Electrical Engineering -----	2	2	3
Mining 10—Hydraulics -----	1		1
Mathematics 9, 10 -----	3		3
Mining 12—Masonry Construction -----	1		1
Mining 13—Metallurgy -----	2	3	3½
Mining 6 -----	1		1
Mining 11—Ore Dressing -----	2	2	3
Military Science 2-A -----		Regular	3

### SUBJECTS OF INSTRUCTION

Lecture periods and recitation periods are one hour each. Laboratory periods are two hours each. One hour credit is given for each lecture period once a week for the entire year. One hour credit is given for each laboratory period once a week for the entire year.

### AGRICULTURE

E. N. NICHOLSON, B.S. Agr., *Professor*.

#### GENERAL STATEMENT

The two-year course in Agriculture is designed to give basic training leading to the degrees in the different branches of Agriculture. In addition to the prescribed work in Agriculture, this course includes two years of College English, one year of Mathematics, and such other subjects of the allied sciences as are necessary to complete the requirements.

Students who complete this two year course may transfer to the State College of Agriculture (or other Agricultural Colleges) for the remainder of their work.

#### AGRONOMY

1. FIELD CROPS. A study of the production, classification and distribution of farm crops of Georgia, such as Cotton, Corn, Small Grain, Peanuts, Cowpeas, Soy Beans, Tobacco and Sugar Cane. First and second terms, Freshman. Two hours credit.

2. SOILS. Origin, formation and physical properties of soils. Drainage and tillage practices. Commercial fertilizers, manures and lime. Seeding practices, tillage, harvesting, etc. Prerequisite. Chemistry 22. Two lectures and one laboratory period. Sophomore. Three hour credits. Fee, \$2.50.

3. **MARKETING.** A general study of the problems involved in the assembling and marketing of Agricultural products and other raw materials, and in the wholesaling and retailing of manufactured products, market financing, market risk-taking and price determination. Junior. One hour credit.

#### HORTICULTURE.

1. **FRUIT GROWING.** A general study of location, side, frosts, planting, varieties, orchard tillage and management. Three lectures per week. First term. Freshman. One hour credit. Fee, \$2.50.

2. **PRUNING AND PROPAGATION.** A course in grafting, budding and other methods of propagation; also a study of pruning with its practice and effect. One lecture and two laboratory periods per week. Freshman. 1 hour credit.

3. **TRUCK GARDENING.** Planning, planting, equipping and operating vegetable gardens, with special reference to the needs of the home and market; also a study of hotbeds and their management. Freshman. One hour credit.

#### ANIMAL HUSBANDRY.

1. **GENERAL POULTRY.** A general course in farm poultry. The breeds and types of poultry, culling of poultry for egg production, winter and summer management, housing and hygiene, preparing poultry for market, methods of marketing; practical application of these subjects to general farm conditions. Freshman. Two hours credit.

2. **TYPES AND BREEDS OF FARM ANIMALS.** The origin and native homes of breeds of horses, mules, cattle, sheep and swine; early development, constructive breeders, methods of improvement, outstanding individuals, adaptability, distribution, breed types and characteristics, important families and tribes; breed organizations and comparative judging of representative animals. Sophomore. Three hour credits.

#### FARM MECHANICS.

1. **MECHANICAL DRAWING.** A study of elementary and advanced drawing and making and reading of blue prints. Freshman. One hour credit.

2. **SHOP WORK.** (a) The use and care of wood-working tools and machinery. A study of the characteristics of wood used for building purposes, rafter cutting and building construction. Fee \$5.00.

(b) Forging and welding of iron and steel. Repairing of farm equipment. Making, hardening and tempering of small tools. Freshman, 1 hour credit. Fee, \$5.00.

3 and 4. (a) **FARM MACHINERY.** A study of the design, construction, care and use of field machinery.

(b) **FARM MOTORS.** A study of the construction, care and use of farm motors. Special attention is given to lubrication, ignition and carburetion. Freshman. One hour credit.

**BOTANY.** Three hours lectures or recitations, and one laboratory period per week. Three terms. Four hours credit. Fee, \$2.50.

#### OUTLINE OF COURSE.

<i>Freshman</i>	<i>Cred. Hrs.</i>	<i>Sophomore</i>	<i>Cred. Hrs.</i>
Agronomy 1 -----	2	Animal Hus. 2, 3, 4, 5 -----	3
Animal Hus. 1 -----	2	Botany 21 -----	4
Chemistry 22 -----	4	Chemistry 30 -----	3
English 1 -----	3	English 2 -----	3
Horticulture 1, 2, 3 -----	3	Physics 21 -----	4
Mathematics 1-2 -----	3	Agronomy 2 -----	3
Farm Mechanics 1, 2, 3, 4 ----	3		
	<hr/> 20		<hr/> 20

## BOTANY

21. **INTRODUCTORY PLANT BIOLOGY.** Beginner's college course for general students. Two hours of lectures and recitations and four hours of laboratory work per week. Three terms. Four hours credit.

## CHEMISTRY

M. C. WILEY, B.S., A.B., *Professor.*

22. **INORGANIC CHEMISTRY.** The laboratory work of this course includes the qualitative analysis of the metals. Breakage deposit, \$4.00. Three hours of lectures and recitations, and two laboratory periods per week. Three terms. Five hours credit. Fee, \$10.00.

30. **ORGANIC CHEMISTRY.** Prerequisite: 22. Breakage deposit, \$4.00. Three hours of lectures and recitations, and two laboratory periods per week. Three terms. Five hours credit. Fee, \$10.00.

80. **ANALYTICAL CHEMISTRY.** Prerequisite: 22. Breakage deposit, \$4.00. One term of Qualitative Analysis, and two terms of Volumetric Quantitative Analysis. Three laboratory periods per week, including one lecture. Three terms. Three hours credit. Fee, \$10.00.

90. **ANALYTICAL CHEMISTRY, QUANTITATIVE.** Prerequisite: 80. Breakage deposit, \$4.00. Three laboratory periods per week, including one lecture. Three terms. Three hours credit. Fee, \$10.00.

## COMMERCE AND ECONOMICS

BERTIE M. MCGEE, M.S., *Professor.*

P. M. HUTCHERSON, B.S. Com., *Associate Professor.*

It is the aim of this department to give, in connection with a general education, a well-balanced business training. With this end in view, instruction is provided in the fields of Accounting, Banking and Finance, Economics and Marketing.

A total of thirty-six hours in economic and commercial subjects must be taken.

### FRESHMAN

*Commerce A.* **TYPEWRITING.** This is the only commercial work required of Freshmen. *Miss McGee.*

### SOPHOMORE

*Commerce 1.* **INDUSTRIAL AND COMMERCIAL GEOGRAPHY.** The geography of economic resources and trade. Three hours per week. Half year.  $1\frac{1}{2}$  credits. *Miss McGee.*

*Commerce 2.* **BUSINESS ORGANIZATION.** An introduction to business. Three hours per week. Half year.  $1\frac{1}{2}$  credits. *Miss McGee.*

*Commerce 5.* **ECONOMIC PRINCIPLES.** An introductory course in economics. Three hours per week. Three terms. 3 hours credit. *Miss McGee.*

*History 33.* **AMERICAN ECONOMIC HISTORY.** Three hours per week. Half year.  $1\frac{1}{2}$  credits. (Offered by History Department.) *Mr. Cain.*

*History 44.* **EUROPEAN INDUSTRIAL HISTORY.** Three hours per week. Half year.  $1\frac{1}{2}$  credits. (Offered by History Department.) *Mr. Cain.*



*Commerce 6. ELEMENTARY ACCOUNTING.* Foundation for advanced accounting courses. Three hours per week. Three terms. 3 hours credit. *Mr. Hutcherson.*

## JUNIOR

*Commerce 20 a-b-c\* BUSINESS LAW.* Contracts and agencies, sales and negotiable instruments, partnerships and corporations. Three hours per week, three terms. 3 hours credit. *Mr. Hutcherson.*

*Commerce 11. ADVANCED ACCOUNTING.* Three hours per week, three terms, 3 hours credit. *Mr. Hutcherson.*

*Commerce 26-a. THEORY OF MONEY, CREDIT AND PRICES.* Three hours per week, one term, 1 credit. *Mr. Hutcherson.*

*Commerce 26-b. COMMERCIAL BANKING PRINCIPLES AND PRACTICE.* Three hours per week, one term, 1 credit. *Miss McGee.*

*Commerce 26-c. THE MONEY MARKETS AND THE RESERVE BANKS.* Three hours per week, 1 credit. *Miss McGee.*

*MATHEMATICS OF INVESTMENT (Mathematics 11)\*\*.* Offered by the Department of Mathematics. Three hours per week, half year, 1½ credits. *Mr. Barnes.*

*ELEMENTS OF STATISTICS. (Mathematics 6)\*\*.* Offered by the Department of Mathematics. Three hours per week, half year, 1½ credits. *Mr. Barnes.*

*Commerce 30. CORPORATION FINANCE.* Three hours per week, one term, 1 credit. *Mr. Hutcherson.*

*Economics 34. PUBLIC FINANCE.* Three hours per week, one term, 1 credit. *Mr. Hutcherson.*

*Commerce 3. ADVANCED BUSINESS CORRESPONDENCE.* A study of the essentials of successful letters. Three hours per week, one term, 1 credit. *Miss McGee.*

## SENIOR

*Commerce 12. AUDITING.* Three hours per week, half year, 1½ credits. *Mr. Hutcherson.*

*Commerce 13. COST ACCOUNTING.* Three hours per week, half year, 1½ credits. *Mr. Hutcherson.*

*Economics 37-a. LIFE INSURANCE.* Three hours per week, one term, 1 credit. *Miss McGee.*

*Economics 37-b. PROPERTY INSURANCE.* Three hours per week, one term, 1 credit. *Miss McGee.*

*Economics 36-a. SOCIAL PROBLEMS* Three hours per week, one term, 1 credit. *Miss McGee.*

*Economics 75-a-b-c. TRANSPORTATION.* Three hours per week, one term, 1 credit. *Miss McGee.*

*Economics 60. PRINCIPLES OF MARKETING.* Three hours per week, one term, 1 credit. *Miss McGee.*

*Economics 63. ADVERTISING.* Three hours per week, one term, 1 credit. *Miss McGee.*

## EDUCATION AND PSYCHOLOGY

P. D. BUSH, A.M., *Professor.*

*Education A (4, 5, 6).* (Prerequisite to all other courses in Education).

INTRODUCTION TO EDUCATION. Three hours a week, Fall term.

\*Given on alternate years.

\*\*Offered 1930-1931.

HISTORY OF EDUCATION. Three hours a week, Winter term.

EDUCATIONAL HYGIENE. Three hours a week, Spring term.

*Education B.*

EDUCATIONAL PSYCHOLOGY. Three hours a week, first half year. Credit  $1\frac{1}{2}$  hours.

MENTAL TESTS AND STATISTICAL METHOD. Three hours a week, second half year. Credit:  $1\frac{1}{2}$  hours.

*Education C.*

HIGH SCHOOL TEACHING AND MANAGEMENT. Three hours a week, Fall and Winter terms. Credit: 2 hours.

EDUCATIONAL TESTS AND MEASUREMENTS. Three hours a week, Spring term. Credit: 1 hour.

*Education D.*

PRINCIPLES OF SECONDARY EDUCATION. Three hours a week, Fall term. Credit: 1 hour.

AGE OF ADOLESCENCE. Three hours a week, Winter term. Credit: 1 hour.

THE JUNIOR AND SENIOR HIGH SCHOOL. Three hours a week, Spring term. Credit: 1 hour.

1-2. INTRODUCTION TO PSYCHOLOGY. Especially adapted to candidates for the Arts degrees. Three hours credit.

(1) GENERAL PSYCHOLOGY. A study of mental life and the fundamental laws of mind and of behavior with attention to the applications of these laws to the problems of philosophy and of everyday life. First half year.

(2) SOCIAL PSYCHOLOGY. A study of the social mind, or the mental activities and contents common to the members of the group; of mental development and personality as social effects; of mental interactions manifest in the transmission and spread of traditions, customs, superstitions; of ideals, behavior patterns, etc., which make for group action and social solidarity. Second half year. Part 1 is prerequisite to part 2.

7. PRINCIPLES OF PSYCHOLOGY. A comprehensive beginning course in psychology. The fundamental facts and laws of psychology are studied by means of lectures, discussions, text-books and collateral reading. This course is for the most part, confined to the study of the normal, human adult, but part of the time is given to the study of problems of the abnormal, especially, as they throw light upon the normal. Three hours per week, lecture and discussion. Three terms. Credit: 3 hours.

## ENGLISH LANGUAGE AND LITERATURE

H. E. NELSON, A.M., *Professor.*

1a. ENGLISH GRAMMAR. The essentials of grammatical form are taken up in an organized manner. (1 credit).

1b. COMPOSITION AND RHETORIC. It is the purpose of the course to present to the student the different types of composition and also to help him to learn to write and speak clearly, correctly, and forcibly. (2 credits).

2. ENGLISH LITERATURE. A general review of the history and development of English Literature, with emphasis upon certain periods and works, will be given. (3 credits).

3. AMERICAN LITERATURE. This course takes up a brief study of the history and development of American Literature with special emphasis upon American Poetry. Introduction to Poetry will be studied in connection with this course. (2 credits).



5. **THE DRAMA.** This course embraces a study of the history and development of the drama. Special emphasis will be placed upon the Elizabethan drama. (1 credit).

8. **POETRY.** This course includes a study of the British poets of the nineteenth century. Literary Criticism will be offered in connection with this course. (3 credits).

## HISTORY AND POLITICAL SCIENCE

ANDREW W. CAIN, A.M., *Professor.*

1. **AMERICAN GOVERNMENT.** An introductory course covering essential facts of federal, state, and local government in the United States. Required of Freshmen. Three hours per week. Three hours credit.

2. **RECENT EUROPEAN HISTORY.** After a review of the French Revolution and the Napoleonic era, political, social, and economic developments are traced to the present time. Sophomores. Three hours per week. Three terms. Three hours credit.

20. **AMERICAN FOREIGN POLICY.** A study of the foreign relations of the United States from the Declaration of Independence to the present. For Juniors and Seniors. Three hours a week during Fall term. One hour credit.

21. **COMPARATIVE GOVERNMENT.** This course embodies in a general way an account of the antecedents, organization and processes of government in Great Britain, France, Germany, and Italy; and gives some attention to the governments of Switzerland, Russia, and the new states formed since the World War. For Juniors and Seniors. Three hours a week, Winter and Spring terms. Two hours credit.

22. **IMPERIALISM AND WORLD POLICIES.** General consideration of world politics from the Congress of Vienna to the present, with special emphasis on international relations since the World War. For Juniors and Seniors. Three hours a week, first 18 weeks. Credit: 1½ hours.

23. **INTERNATIONAL LAW.** A careful survey of the law of nations with respect to its development and application from the time of Grotius to the present. For Juniors and Seniors. Three hours a week, last 18 weeks. Credit: 1½ hours.

33. **AMERICAN ECONOMIC HISTORY.** A study of economic conditions in the United States from colonial times to the present. Three hours per week for one-half year. One and one-half hours credit. Sophomores in Commerce.

44. **ECONOMIC HISTORY OF EUROPE.** A survey of modern European economic history, agricultural, commercial, and industrial. Sophomores in Commerce. Three hours per week for one-half year. One and one-half hours credit.

*Note*—History 20-21 will be given on alternate years. Not given 1930-1931. History 22-23 will be given in 1930-1931 and on alternate years thereafter.

## HOME ECONOMICS

MISS IRENE MOORE, *Director.*

The motto of this department is, "Learn to do by doing."

### FRESHMAN CLASS

1. (a) **ELEMENTARY DOMESTIC SCIENCE.** Dietetics; preparation of simple menus for the home, taking cost and nutrition into account; table

setting and serving; ethics in the home. (1½ credits). Fee, \$3.00.

(b) **ELEMENTARY DOMESTIC ART.** Study of textiles and materials used in the household for clothing and furnishing. Practice in making the various stitches and in performing the processes of elementary sewing. Fee, \$3.00. (1½ credits).

### SOPHOMORE CLASS

2. (a) **THEORY AND PRACTICE OF COOKERY.** Instruction in the composition and dietetic value of food materials; preparation of properly balanced menus; serving. (1½ credits). Fee, \$3.00.

(b) **GARMENT MAKING.** Planning and making up simple garments; talks on color combination in garments; the making of Christmas gifts and decorations; remodeling garments; the exercise of economy in materials and work. (1½ credits). Fee, \$3.00.

### JUNIOR CLASS

3. (a) **ADVANCED WORK IN HOUSEKEEPING.** The source, use, and chemistry of foods; preparation of complicated menus; the planning of entertainments; practice in cooking. (1½ credits). Fee, \$3.00.

(b) **ADVANCED HOUSEHOLD ARTS.** Costume designing, the requirements of artistic dress, materials and cost. The Home: Location, planning, construction, furnishing, decoration. (1½ credits). Fee, \$3.00.

## LATIN

W. J. COTTEN, M.A., *Professor.*

1. The reading of a play of Terence, and of selections from Livy. Review of grammar and exercises in translations into Latin. Three hours a week. Three terms. Three hours credit.

2. Reading of Horace, selected odes, and Cicero, *de Officiis*, Book 1. Metres and weekly exercises. Three hours per week. Three terms. Three hours credit.

3. Reading of Horace, Satires and Epistles; Tacitus, *Annals*; Pliny, selected letters. Three hours per week. Three terms. Three hours credit. (Not required. May be elected as a major).

4. Reading of plays of Terence and Plautus, and selections of authors not read in the lower classes. Three hours per week. Three terms. Three hours credit. (Not required. May be elected as a major).

20. **A BEGINNER'S COURSE**, for those who have not previously studied the subject. Open to students in the Junior and Senior classes who have had at least two years college work in a foreign language; but not open to those who have taken Latin. Owing to the greater maturity of students in this course and to their previous language training, and general ability, the pace set for the class will be brisk and progress must be rapid. Three hours credit.

21. A continuation of Course 20, the completion of the two satisfying the Latin requirement for the A.B. degree. The readings of this course include the Orations of Cicero and the *Æneid* of Vergil. Three hours credit.

## MATHEMATICS

J. C. BARNES, B.S., *Professor.*

20. **COLLEGE ALGEBRA AND SOLID GEOMETRY.** A graduate of a Group I high school whose record shows credits of two units in algebra, one unit in plane geometry, and one half unit in solid geometry may enter

either Mathematics 20 or 1-2, according to his own preference and the purpose he may have in mind with respect to his college course. All others must enter Mathematics 20 unless they can satisfy the head of the Mathematics Department that they are capable of taking plane trigonometry and analytical geometry during their first year in college, in which case they will be admitted to Mathematics 1-2 if they so desire.

Applicants for the Mining course, all who expect to take a major or a minor in mathematics, and those who expect to transfer before graduation to a technical or engineering school, or seek admission to the United States Military or Naval Academy should enter Mathematics 20, even if they are privileged to enter 1-2.

Credit for Mathematics 20: Two or three hours, depending upon whether or not solid geometry was completed in the high school. These credits will be counted toward the 69 hours required for graduation, but will not be used to satisfy any part of the minimum requirement of one year in college mathematics. That is, students who begin with Mathematics 20 must take either Mathematics 1-2 or 3-4-5, after finishing Mathematics 20, in order to satisfy the minimum requirement of one year in college mathematics.

1. TRIGONOMETRY, PLANE. Three hours a week, Fall term. Credit: one hour.

2. ANALYTICAL GEOMETRY. *Elementary Course*. Three hours a week, Winter and Spring terms. Credit: two hours.

Mathematics 1-2 satisfies the minimum requirement in mathematics for certain degrees, as shown in the synopsis. Students who desire only the minimum college credit in mathematics should take Mathematics 1-2, even if they must first take Mathematics 20 as a preparation. Those who desire more than one year in mathematics should take Mathematics 20, skip courses 1-2, and continue with 3-4-5, and above.

3. PLANE AND SPHERICAL TRIGONOMETRY. A thorough study of the principles of trigonometry. Special stress is placed on the application of these principles to the problems arising in daily work. Graphic solutions stressed. Textbooks: Granville's Plane and Spherical Trigonometry; Taylor's Logarithms and Trigonometric Tables. (1 credit).

4. ANALYTICAL GEOMETRY, PLANE. Coordinates, the straight line, and simpler plane curves. Algebraic, trigonometric and geometrical principles stressed. Text: Wentworth's Analytical Geometry. (1 credit).

5. PLANE SURVEYING. The course is intended to give a student a fair working knowledge of surveying instruments and their use. The entire course is given from mimeographed notes, and will conform to methods as used in modern engineering practice. (1 credit).

6. STATISTICS. Three hours per week, second half-year. One and one-half hours. Prerequisite: Courses 1, 2 or 20, 3, 4.

7. ANALYTIC GEOMETRY, *Higher Plane Curve*. A continuation of (4) to include the advanced phase of the subject. (1 credit).

8. CALCULUS. Differential and Integral Calculus, with geometric and analytic applications. Textbook: Nichols' Differential and Integral Calculus. (2 credits).

9. ASTRONOMY. A general study of the celestial sphere, with practical application in the determination of latitude, longitude and time. (1 credit).

10. ANALYTIC MECHANICS. A study of the fundamental theorems of mechanics with stress on the practical application of the same to problems chosen from real structures of machines. (2 credits).

11. THEORY OF INVESTMENT. Annuities, bonds, and insurance. Three hours per week, first half-year. One and one-half hours credit. Prerequisites: Courses 1-2 or 20, 3, 4.

## MINING

JOSEPH RALPH HITCHCOCK, E.M., *Professor.*

1. (a) ENGINEERING DRAWING. Text: French, Engineering Drawing. Designed to give training and proficiency in lettering, sketching, drawing with instruments, and the correct representation of objects. Practice is also given in tracing and blue printing. Freshman year, Fall and Winter terms, 9 hrs. per week (3 credits).

(b) DESCRIPTIVE GEOMETRY. Text: Smith, Descriptive Geometry. Orthographic projection of points, lines, planes, curves, curved surfaces, and solids in four angles of projection, intersections and developments. Freshman year, Spring term, 9 hrs. per week (1½ credits).

2. WOOD AND METAL WORK. The student is taught the use and care of wood and metal working tools. The course includes instruction in joint making, welding, tempering and both wood and metal lathe work. Sophomore year, whole year, 2 hrs. per week (1 credit).

3. MINERALOGY. Text: Moses and Parsons' Mineralogy, Crystallography, and Blow Pipe Analysis. Elementary Crystallography including a study of models and crystals. The physical and chemical properties of minerals are studied, followed by the identification of 150 species by means of their crystal form, chemical and physical properties. Drill in sight recognition is also given. This is followed by practice in blowpipe analysis. Soph. year, 1 lecture and 6 laboratory periods per week (4 credits).

4. ASSAYING. Text: Fulton, Manual of Fire Assaying. A study of fire assaying by crucible and scorification methods, of ores and metallurgical products. In the laboratory the student is required to run the samples. Junior year, whole year, 1 lecture and 3 laboratory periods per week (2½ credits).

5. MINING. Texts: Peele, Mining Engineers' Handbook; Hoover, Principles of Mining; Publications of the Bureau of Mines. This course is based on lectures on the elementary principles of mining, including rock drilling, blasting, tunneling, shaft sinking, hoisting, haulage and ventilation. The laboratory in this course consists of trips to nearby mines where a study is made of steel sharpening and tempering, hoisting, haulage and timbering. Junior year, 1 hr. lecture and 2 laboratory periods per week (2 credits).

6. MINING. This is a continuation of course 5 and includes mine inspection, valuation, sampling, accounting and mining methods. Senior year, 1 hour lecture per week (1 credit).

7. MINE SURVEYING. Texts: Peele, Mining Engineers' Handbook; Breed and Hosmer Elementary Surveying. A study of the methods of carrying azimuth underground, including shaft plumbing, and use of auxiliary telescope. Traversing and problems involving strike and dip are taken up. Each student is required to make a complete set of maps from notes taken at a small mine near the campus. Junior year, Spring term, 3 hours per week (1 credit).



8. **GEOLOGY.** Texts: Spurr, *Geology Applied to Mining*; Emmons, *General Economic Geology*. Lectures on the origin, modes of occurrence and uses of metals and their ores. *Dr. Gaillard*. Junior year, 3 lectures and 2 hours laboratory per week (4 credits).

9. **ELECTRICAL ENGINEERING.** Text: Croft, *Practical Electricity*. The purpose of this course is to familiarize the student with the principles, installation, use and care of electrical machinery, especially that used in mining. Senior year, Fall and Winter terms, 3 lectures and 3 hours laboratory per week (3 credits).

10. **HYDRAULICS.** Text: Merriman, *Treatise on Hydraulics*. The theory of hydraulics and its applications to mining. Senior year, Spring term, 3 lectures per week (1 credit).

11. **ORE DRESSING.** Text: Richards, *Ore Dressing*. A course in the principles of mechanical ore treatment. Senior year, Fall and Winter terms, 3 lectures per week (2 credits).

12. **MASONRY CONSTRUCTION.** Text: Baker, *Treatise on Masonry Construction*. A study of building stones, making lime, cement and brick, mixing and placing concrete, building retaining walls and arches. Senior year, Spring term, 3 lectures per week (1 credit).

13. **METALLURGY.** Text: Hoffman, *General Metallurgy*. A course in general metallurgy, designed to give the student systematic and thorough training in all branches of metallurgy. Senior year, 2 lectures and 3 hours laboratory per week (3½ credits).

## MODERN LANGUAGES

C. C. JARRARD, A.M., *Professor*

### FRENCH

1. A course for beginners. Three hours credit.

2. A continuation of French 1. A study of grammatical difficulties and idioms. Reading of about 1,000 pages from standard authors. Prerequisite: French 1 or its equivalent. Three hours credit.

3. Continuation of French 2. Reading of about 2,000 pages of French, classical and modern. Study of French literature through texts and lectures in French. Prerequisite: French 2 or its equivalent. Three hours credit.

### GERMAN

1. A course for beginners. Three hours per week. Three terms. Three hours credit.

2. Continuation of 1. Grammar, complete; translation of about 200 pages of modern narrative prose. Three hours per week. Three terms. Three hours credit.

## PHYSICS

B. P. GAILLARD, A.M., Ph.D., *Professor*

21. **ELEMENTARY PHYSICS.** An introductory course, descriptive in character, emphasizing the historical developments of Physics and its practical applications. Desirable preceding or parallel course, Plane Trigonometry. Three hours a week recitation and lecture and one laboratory period of two hours a week. Three terms. Four hours credit.

4. **GENERAL PHYSICS.** A second year course in general Physics but emphasizing the work in Mechanics and Electricity. The Fall Term will be devoted to Mechanics, the Winter Term to Electricity and the

Spring Term to selected topics from Electricity, Heat, Light. In the Spring Term an especial emphasis will be put upon the recent developments in Physics along the lines of the electron theory, atomic structure, and radiation. Prerequisites: Physics 21 and Mathematics 1-2. Desirable parallel, or preceding courses: Chemistry 22 and Mathematics 3, 4, 5. Three hours recitation and lecture and one laboratory period of two hours each week for the three terms. Credit, four hours.

## DEPARTMENT OF MILITARY SCIENCE AND TACTICS.

### (Reserve Officers Training Corps.)

CAPTAIN RAYMOND C. HAMILTON, *Infantry* (D.O.L.)

*Professor of Military Science and Tactics.*

LIEUTENANT CHARLES CARLTON, *Infantry* (D.O.L.)

*Assistant Professor of Military Science and Tactics.*

SERGEANT R. S. McCONNELL (D.E.M.L.)

*Assistant Professor of Military Science and Tactics.*

#### GENERAL

Congress, by Acts of June 3rd, 1916, and June 4th, 1920, authorized educational institutions throughout the United States to establish units of the Reserve Officers' Training Corps upon compliance with certain requirements.

The primary object of the Reserve Officers' Training Corps is to provide systematic military training at civil educational institutions for the purpose of qualifying selected students of such institutions for appointment as reserve officers in the military forces of the United States.

The Reserve Officers' Training Corps strives to produce leaders, and the training received by the student will be as valuable to him in his industrial or professional career as it would be should the nation call upon him to act as a leader in its defensive forces.

A military unit is largely dependent for its efficiency upon the physical fitness of the individuals composing it. Physical training, therefore, forms an essential part of the military instruction, and the military department co-operates to the greatest possible extent with the physical training department of the college.

The Acts of Congress divide the Reserve Officers' Training Corps into two divisions—the Senior and Junior. Units of the Senior division are authorized at colleges and uni-

versities, and Junior division units in preparatory and high schools.

There is maintained at this college a Senior Infantry Unit of the Reserve Officers' Training Corps and the course of instruction and training is given by commissioned officers and a non-commissioned officer, detailed for duty at the college by the War Department.

This unit is divided into the Basic Course and the Advanced Course. The Basic Course consists of the first two years in the Reserve Officers' Training Corps and corresponds to the Freshman and Sophomore years of the academic department. The Advanced Course consists of the last two years or of such shorter periods of time as may be prescribed by the Secretary of War. Normally, this course corresponds to the Junior and Senior years of the academic department.

Appropriate credit is given for work done as members of a Junior unit and for work done at schools where an officer of the Army is on duty.

Students who are not physically qualified for admission to the Reserve Officers' Training Corps, are required to take part in military activities unless their disqualification is such as to make this impossible.

Approximately \$30,000 worth of arms, ammunition, clothing, and equipment is furnished by the War Department for instructional purposes.

#### COURSES OF INSTRUCTION

##### *First Basic (Freshman) Course*

Marksmanship, Physical Drill, Military Hygiene and First Aid, Military Courtesies, Command and Leadership.

##### *Second Basic (Sophomore) Course*

Scouting and Patrolling, Musketry, Interior Guard Duty, Automatic Rifle, Command and Leadership, Combat Principles.

##### *First Advanced (Junior) Course*

Military Sketching and Map Reading, Military Field Engineering and Combat Principles, Infantry Weapons (Machine Gun, 37-mm. Gun and 3-inch Mortar), Combat Principles, Command, Leadership, and Field Engineering.

##### *Second Advanced (Senior) Course*

Administration, Military History and National Defense Act, Combat Principles, Command and Leadership, Military Law, Reserve Corps Regulations and Field Engineering.



All physically fit male students, under thirty-five years of age, in all courses, are required to drill for certain periods of time, and are given systematic Physical Training as well.

In addition, the Sophomores, Juniors and Seniors are given systematic and progressive instruction in Leadership and Command, this instruction culminating in the Senior Course, when these students conduct all the exercises and a great deal of the instruction.

The War Department supplies each student enrolling in the "ROTC" with the following articles of clothing, or money in lieu thereof, which, however, do not become the student's property:

- 1 belt
- 2 pair of breeches
- 1 cap
- 2 shirts
- 1 tie

The government normally supplies coat and leggins, but preferring more suitable and comfortable articles, the students have always preferred to replace these articles with a standard college sweater to be had locally at about \$7.00, and leather puttees also purchased locally, at about \$6.00.

Each student must provide himself with at least one pair of serviceable high leather shoes. The Munson-last army shoe can be secured from most any dealer. These shoes must be black.

The Government, in granting certain pecuniary allowances to members of the R. O. T. C. does not do so through motives of charity, but from the viewpoint of national defense. When war was suddenly declared in April, 1917, there were less than 9,000 regular army officers. In addition to this number, there existed the officers of the National Guard. The selective service law having been passed, the government was confronted with the necessity of providing officers for about 4,000,000 men, approximately 200,-

000 officers. If we were to be victorious the question of time in educating civilians to become officers was an important element. The Officers' Training Camp was the scheme decided upon as the one most likely to produce the quickest results. Only three months time was available in which to educate and train the first officers. The War Department realized that this time was entirely inadequate, but nothing better could be devised.

In order that our national existence may not be imperiled again by lack of officers, the War Department is now devoting every attention to the development of the R. O. T. C. as established at various institutions throughout the country. The United States must have a large number of Reserve Officers, and we are producing our quota at this institution.

It may be asked why we need these officers. In the first place, we need them because it is not yet possible for us to feel or say that we will never again need an army, and no army can exist without efficient officers. The Congress has adopted this as the most effective and economical means of providing them. In the second place, we need them because in warfare every individual soldier is entitled to the best leadership that it is possible to obtain.

Every mother's son in America is subject to be called to the colors in a time of national peril. If, through lack of proper leadership, he loses his life, then some one is responsible. Every soldier should be given a sporting chance for his life, at least when on the field of battle. Hence the necessity for officers educated and trained in every phase of modern warfare.

Among those who do not understand, we hear a great deal about military training destroying initiative and making mere machines. This was, to a large extent, true of the German army, and was one of the causes of its defeat. In our system of military training the initiative of individuals is encouraged in every way possible. In the dense forest of the Argonne the initiative of the individual Amer-

ican soldier was one of the primary causes of our advance. Sergeant Alvin York could never have gotten away from, much less captured, the large number of Germans that surrounded him and his little party had he not exercised initiative to the fullest extent. This is only one of hundreds of similar instances in which the individual American soldier, when out of touch with his officers, used his brain in close quarters.

The direct advantages of military training to any individual may be summed up as follows:

(a) Discipline as a leader, which is of value in any life work.

(b) Training in team play and in methods of securing organized action by a group.

(c) Assurance of service as an officer in a period of national emergency.

(d) Physical training that will make him fit to pursue his civil career as well as to perform his military duties.

(e) Preparation for national service, thereby fulfilling a patriotic duty.

(f) TRAINING WHICH DEVELOPS NEATNESS, MENTAL ALERTNESS, RESPECT FOR AUTHORITY, LEADERSHIP, SELF-RELIANCE, CONFIDENCE, COURTESY, AND A KEEN SENSE OF DUTY.

### THE ALUMNI ASSOCIATION.

Realizing the need for greater co-operation on the part of its old students, the Alumni met in a special meeting at the State Capital in December, 1924, to launch a campaign in behalf of the College. Committees as follows were appointed: Legislative, Welfare, Military, Athletic, consisting of nine members each, and a Library Committee of six members. In addition to these, there is a General Committee provided for in the constitution of the Association.

The President of the Association, and the heads of the

respective Committees, constitute a cabinet. The members of this cabinet at present are: :

Oscar Palmour, Atlanta, Ga., President.

Oscar Palmour, Atlanta, Ga., Chairman Legislative Committee.

William T. Townsend, Cartersville, Ga., Chairman Welfare Committee.

O. L. Amster, Decatur, Ga., Military and Athletic Committee.

Mrs. W. A. Hedden, Dahlonga, Ga., Chairman Library Committee.

J. C. Barnes, Dahlonga, Ga., Chairman General Committee.

The first project of the Alumni Association was to erect a Gymnasium and Drill Hall. This splendid building was completed in the spring of 1926. It supplies a long felt need for a Basket Ball Court, as well as a social center for the College and community. In it are held various receptions, and entertainments. In the basement is an excellent indoor target range. This gives opportunity for the development of the splendid marksmanship for which the N.G.C. team is noted.

### **The Woman's Council of the North Georgia Agricultural College.**

The Womans' Council was organized in July, 1925. Its purpose is to look after the social life of the student body and to surround the boys and girls with the influence of home.

The Council has the following Committees: Ways and Means, Entertainment, Programme, Music and Social. Although this organization is young, its good work is already telling in the life of the student body.

### **STUDENT ACTIVITIES.**

Among the students themselves, there are several organizations. The most important of these to the whole

student body are the Literary Societies. As these have been discussed elsewhere, it is only necessary to give their officers here:

### **Corona Haderae Society.**

President ----- Mae Tippens --- Ball Ground, Ga.  
Vice-President ----- Johnnie Kincaid - Blue Ridge, Ga.  
Secretary-Treasurer --- Leone Forrester,  
----- Walnut Grove, Ga.

### **Phi Mu Society.**

President ----- Lankford, H. M. ---- Pearson, Ga.  
Vice-President ----- Nelms, G. C. ---- Commerce, Ga.  
Secretary ----- Walters, R. M. ----- Martin, Ga.  
Treasurer ----- Bryant, W. ----- Madison, Ga.

### **Decora Palaestra Society.**

President ----- C. P. Maddox ----- Hoschton, Ga.  
Vice-President ----- W. E. Goble ----- Whitestone, Ga.  
Secretary ----- E. J. Huff ----- Rockmart, Ga.

### **The Cyclops Staff.**

R. W. Kell ----- Editor-in-Chief ----- Decatur, Ga.  
J. C. Driskell ----- Business Manager - Gainesville, Ga.  
R. L. Malone ----- Assistant Editor-in-Chief,  
R. C. Price ----- Mansfield, Ga.  
J. W. McGarity ----- Asst. Bus. Manager -- Griffin, Ga.  
A. H. Glasure ----- Athletic Editor -- Covington, Ga.  
C. P. Maddox ----- Adv. Manager ----- Commerce, Ga.  
----- Photograph Editor Hoschton, Ga.  
A. H. Glasure ----- Associate Editor-in-Chief,  
----- Commerce, Ga.  
O. K. Haley ----- Associate Business Manager  
----- Commerce, Ga.

### **Football.**

Captain ----- T. L. Waters ----- Laurens, S. C.  
Manager ----- O. K. Haley ----- Commerce, Ga.  
Coach ----- Lieut. Chas. Carlton

### **Basketball.**

Captain -----D. B. Carroll ----- Grayson, Ga.  
Manager -----E. C. Harrison --- Bethlehem, Ga.  
Coach -----J. M. Carter

### **Girls Basketball.**

Captain -----Mae Tippens ----- Canton, Ga.  
Manager -----Helen Head ----- Dahlonge, Ga.  
Coach -----D. B. Carroll

### **Base Ball.**

Captain -----P. G. Jones ----- Lula, Ga.  
Manager -----R. S. McConnell -- Dahlonge, Ga.  
Coach -----J. M. Carter

### **Boxing.**

Captain -----W. J. York --- Mountain City, Ga.  
Manager -----A. H. Glasure ----- Commerce, Ga.  
Coach -----Lieut. Carlton

## **FRATERNITIES.**

There are two Greek Letter National Fraternities that have chapters at the N. G. College. The oldest of these is Kappa Chapter of Sigma Nu. It is also the oldest living Chapter of the Sigma Nu Fraternity, with continued existence.

The Pi Kappa Alpha Fraternity, though much younger, is no less distinguished for its sons of sterling worth.

The Rex Club, though a local organization, is very choice in the selection of its members, and is putting forth much effort toward higher standards and better work.

All of these clubs and fraternities have club rooms for entertainment and social functions, but boys do not live in the houses—all being required to live in the dormitory.

All social functions are chaperoned by the faculty and ladies of the town.



## SUMMER SCHOOL.

The time has come in the lives of Georgia teachers when one must have a degree or get very little consideration. In fact we are in the midst of an intellectual movement amounting to a literal renaissance. New standards are being set so that the conditions will soon face the teacher that now face the physician. He will not be allowed to instruct the children of the State until his fitness shall have been vouched for by some reputable institution.

Although such regulations may be considered *ex post facto* as to the majority of our teachers, especially those of some years' experience, the fact is no less embarrassing to them. In short the demand is, "Get ready or get out." To get out means to take up an entirely new line of thought and activity. For the teacher of ten to twenty years' experience to go into salesmanship or law or manufacturing is an almost impossible undertaking. He studies human beings and not pieces of merchandise. He discovers talents not crimes, he builds character and not automobiles. To enter any new industry puts him at considerable disadvantage in that particular line. The result generally is disappointment, failure, tragedy. If he stays in his profession, he may have a life-time certificate, yet he is considered a fossil and must take a subordinate position. In this a proud spirit is cowed or crushed and the force of a great leader is nullified.

There is but one plausible, practical, progressive solution to his dilemma. The teacher must adjust himself to the new conditions and thus maintain the respect of his fellow teachers, the confidence of his patrons and leadership of his profession.

The N. G. College realizes the importance of his keeping abreast of the times and is making a possibility for such teachers. It is rare that one's domestic, financial and business relations are such that he can spare the time to go to college and get the desired degree. THEN there is left only one chance, the SUMMER SCHOOL.



The ordinary summer institute held at the different district schools does not pretend to approach this question. It is good for its purpose, but it lasts only five weeks and the work done in it is not credited toward a degree. It is merely an institute and serves to renew or professionalize a certificate.

There must be, to meet the needs referred to above, a REAL school with standard curriculum and teachers. The summer session of the college at Dahlonga is such. It lasts twelve weeks. This session is divided into two six weeks terms to accommodate students who can take one half but cannot take the other. In each term it is possible to make four credit hours or eight for the session. However, this would require very close study, and six would be average work. In case students have part work toward a credit, arrangements might be made whereby even more hours than this could be put on record.

In taking advantage of these twelve weeks each summer the ambitious teacher can soon obtain his degree, thus maintaining his dignity and standing in the profession.

There is a regulation of the Association of Colleges that permits a student more than twenty years old to take up a special course in whatever subjects he selects. As most teachers are more than twenty they can select college subjects and remove any conditions by examination or extra work. This enables them to make all credits possible toward degrees in the summer session.

Regular college courses will be given through Freshman; the sciences, history and educational subjects will be given through Sophomore. The higher mathematics and languages will be given if there is sufficient demand. The college does not obligate itself to furnish any of the advanced subjects for less than five students to the subject.

This being a state institution, the expenses are reasonable indeed. In addition to transportation the cost for 1930 should be about as follows:

## EXPENSES.

### Revised for 1930 Summer School.

	6 weeks	12 weeks
Board, \$5.00 per week -----	\$30.00	\$60.00
Laundry -----	3.00	6.00
Matriculation Fee -----	10.00	20.00
Library -----	1.00	2.00
Books, about -----	10.00	15.00
	<hr/>	<hr/>
Total -----	\$54.00	\$103.00

## LOCATION.

It would be hard to find a climate better suited to summer work than Dahlonga is. With an altitude of 1500 feet, a pure crisp atmosphere is always present. The abundant forests of the surrounding country purify the air so that the amount of oxygen and lack of obnoxious gases is readily discernible. Because of the inclination to the sun there may be a few hot days but the nights are always cool so that cover is necessary for comfort.

The scenery in and near Dahlonga is hardly to be equalled. The Wm. P. Price Memorial Building—heretofore The Main Building, stands on the foundation of the old Mint—the first branch mint built by the government. Lying on the campus is the rim of the fly-wheel that ran the machinery. In this mint, according to the record, was coined more than \$6,000,000.00 out of the neighboring hills and mountains.

Standing on the campus one can see on Findley ridge the deep gulches made by hydraulic mining. From these millions of tons of ore and dirt were sent down through the flumes to be crushed in the Huntingtons or pounded under the heavy stamps into dust to extract the precious metal.

Just a mile from the campus is the biggest gold mill ever put up east of the Mississippi river, the Consolidated. The machinery of it is an education in mechanics. The water wheels, the tremendous air compressor, the rotary rock crusher that could hardly be seen to move, yet would

crush stones weighing from 10 to 100 pounds, as rapidly as eight men could dump them into it.

The one thing in the focus of attention in Georgia today is highway building. From the college porch one gets a profile view of the Woody Gap road. This incline rises at a grade that a good car can hardly climb in high a distance of 6 miles to an elevation of 3164 feet. To see the road at a distance looking like a string stretched across the face of a mountain and then to travel it and find the snake track curves from bottom to top gives one an idea of engineering and highway building not to be had any other way.

There are many places in reach of Dahlonega that should be seen by Georgia teachers. The marble works at Tate, Ga.—the quarries are a show, to say nothing of the valley beautiful made so by Mr. Sam Tate, and to crown it all, his magnificent million-dollar mansion. This visit is one not to be forgotten. Far-famed Tallulah Falls with its immense power development; Nacoochee Valley and Yonah Mountain, with their Indian mounds and their legend of Sautee and Nacoochee; Neel's Gap and Woody Gap, magnificent pieces of engineering as well as trails through the finest scenery in Georgia; Enota or Brasstown Bald, the highest mountain in the State; and by no means least in beauty and grandeur, Amicalola falls with its seven hundred feet descent; these and others are in excursion reach of the summer school students without loss of a single recitation.

### HOME ECONOMICS.

One of the greatest needs in the education of our young women is the subject known as Home Economics. One of the complaints made of our southern women is that they are extravagant and ignorant of the essentials of good house-keeping.

This sentiment has grown into a demand on the part of all the consolidated rural schools as well as the urban high schools. Even the country schools of two and three teachers are calling for Home Economics. To meet this

demand in the preparation of our teachers, will be one of the features of the summer school. With proper effort a teacher that has had no training on this line can learn enough in twelve weeks to be comfortable in instructing her pupils the next year.

### **TYPEWRITING.**

Typewriting, too, has gotten to be almost as necessary for the business man as penmanship. There is now no business or profession but what is expected to use the typewriter. With the splendid equipment for this work a student can gain considerable efficiency in twelve weeks.

There will be a fee of \$6.00 for use of typewriters.

Perhaps the greatest opportunity of the summer school will be the contact with the students themselves. In the bigger schools the individual is lost in the crowd; in a small school each student knows every other one and the personalities are so absorbed that all must get great benefit from each other as well as increase the number of close friendships.

Do any of the above features appeal to you? Are you going to keep up with your profession? Will you take this opportunity and make eight hours toward your degree?

If you want further information address,

COL. JOHN W. WEST, Pres.

Dahlonega, Ga.

Not all of the members of the regular faculty will be in the summer school as several will be away in universities, but the remainder of the faculty, with whatever help is needed, will be on duty.

Not all the courses are outlined in this bulletin. They can be found in the catalogue of any standard college. If not obtainable elsewhere, write to the college for catalogue.

### **SUMMER SCHOOL CALENDAR FOR 1931.**

First term begins June 9.

First term ends July 18.

Second term begins July 20.

Second term ends August 27.

## SUMMER SCHOOL STUDENTS, 1929.

Adams, Neva	Hoschton, Georgia
Alexander, Miss C. M.	Alpharetta, Georgia
Austin, G. C.	Flat Rock, Alabama
Austin, Mrs. G. C.	Flat Rock, Alabama
Avery, Miss Ida	Dahlonega, Georgia
Barnes, Miss Kloma	Eatonton, Georgia
Barrett, E. B.	Danielsville, Georgia
Bernard, P. W.	White, Georgia
Black, Miss Ruth	Copperhill, Tennessee
Boyd, Guy	Tate, Georgia
Boyles, Mrs. C. F.	Dalton, Georgia
Brannon, Miss Ethel	Dahlonega, Georgia
Brinson, F. A.	Graymont, Georgia
Brinson, Mrs. F. A.	Graymont, Georgia
Broadrick, Miss Mary	Dalton, Georgia
Brookshire, Lawrence	Stilesboro, Georgia
Brookshire, W. L.	Braselton, Georgia
Buice, G. D.	Suwannee, Georgia
Burgess, Carlton	Dahlonega, Georgia
Burnette, W. R.	Royston, Georgia
Burt, Miss Alice	Dawsonville, Georgia
Cagle, Miss Lillian	Epworth, Georgia
Carter, John M.	Morganton, Georgia
Cash, Etta	Hoschton, Georgia
Cash, Ruby	Hoschton, Georgia
Castleberry, Mrs. G. D.	Dawsonville, Georgia
Cline, Miss Frankie	Dalton, Georgia
Cockrell, Miss Eleanor	St. George, Georgia
Cockrell, Miss Gladys	St. George, Georgia
Conner, Miss Lena	Dahlonega, Georgia
Cook, Miss Arkie	Hemp, Georgia
Cooke, Miss Thelma	Jasper, Georgia
Corn, Miss Florence	Cumming, Georgia
Cox, Charles	Cartersville, Georgia
Cox, Mrs. C. H.	Cartersville, Georgia
Cox, Miss Chloie	Dalton, Georgia
Cox, Miss Nannie	Maysville, Georgia
Daves, Miss Nelle	Copperhill, Tennessee
Davis, Miss Berta	Dahlonega, Georgia
Davis, Miss Kathleen	Cumming, Georgia
Davis, Mrs. Mabel W.	Dahlonega, Georgia
Dellinger, Olin C.	Bishop, Georgia
Elliott, Mrs. B. H.	Dahlonega, Georgia
Elrod, Miss Ruby	White, Georgia
Findley, Miss Ruby	Duluth, Georgia
Fouts, Miss Jewel	Dawsonville, Georgia
Gilbert, Miss Lila	Adairsville, Georgia
Glasure, Alton H.	Commerce, Georgia
Grogan, R. G.	Cochran, Georgia
Hawthorne, Miss Frances	Auburn, Georgia
Haynes, John W.	Clermont, Georgia
Head, Helen	Dahlonega, Georgia
Hood, Miss Otera	Oxford, Georgia



## SUMMER SCHOOL STUDENTS, 1929.

Hood, Miss Sarah	Oxford, Georgia
Housley, Augustus R.	Dahlonega, Georgia
Hutcheson, Miss Elizabeth	Auraria, Georgia
Jackson, A. L.	Covington, Ga.
Johnson, Carl P.	Lawrenceville, Georgia
Johnson, Miss Gladys	Copperhill, Tennessee
Jones, John Ralph	Dahlonega, Georgia
Jordan, Everett C.	Tifton, Georgia
Kincaid, Miss Johnnie	Blue Ridge, Ga.
Langford, Miss Allene	Maysville, Georgia
Lewallen, Mrs. Arthur	Commerce, Georgia
Luck, Miss Lila	Red Oak, Georgia
Lummus, Miss Opal	Canton, Georgia
Martin, Mrs. L. U.	Dahlonega, Georgia
McArthur, L. J.	Ellijay, Georgia
McArthur, Mrs. L. J.	Ellijay, Georgia
McCallum, J. W.	Broxton, Georgia
McCurry, Smith J.	Canton, Georgia
McDonald, Miss Fannie	Dahlonega, Georgia
McGee, Hoke S.	Oklahoma City, Okla.
McLeroy, Miss Vyndetta	Jersey, Georgia
Meaders, Miss Martha Lou	Brookton, Georgia
Merrett, Miss Julia	Cumming, Georgia
Mitchell, Miss Mary Ethel	Copperhill, Tennessee
Moore, Mrs. Henry W.	Dahlonega, Georgia
Moore, James Leon	Dahlonega, Georgia
Perry, Miss Louise	Dublin, Georgia
Phagan, J. M.	Statesboro, Georgia
Picklesimer, Miss Verdie	Fairmount, Georgia
Pirkle, Miss Bonnelle	Dawsonville, Georgia
Pitts, Miss Mae	Crest, Georgia
Powell, John Carter	Suwanee, Georgia
Rankin, Miss Irene	Jefferson, Georgia
Reynolds, M. H.	Nicholson, Georgia
Reynolds, Mrs. M. H.	Nicholson, Georgia
Roark, Miss Mary	Gainesville, Georgia
Royal, Mrs. J. M.	Mt. Zion, Georgia
Rudeseal, Mrs. Vinnie	Baldwin, Georgia
Shirley, Miss Audrey	Commerce, Georgia
Shultz, Fannie Lee	Dahlonega, Georgia
Simonton, R. C.	Lawrenceville, Georgia
Sims, Miss Fannie	Cleveland, Georgia
Smith, Miss Buella	Gainesville, Georgia
Smith, Miss Mary	Crest, Georgia
Stamps, Mrs. Clara	Thomaston, Georgia
Still, C. H.	Covington, Georgia
Still, Miss Florrie B.	New Holland, Georgia
Stonecypber, Spurgeon	Lawrenceville, Georgia
Thompson, Harrison	Griffin, Georgia
Trammell, Miss Ruby	Alpharetta, Georgia
Waddell, Mrs. Guy	Athens, Georgia
Walker, Miss Anapearl	Dahlonega, Georgia
Walker, Miss Moddelle	Cleveland, Georgia

## SUMMER SCHOOL STUDENTS, 1929.

Warren, C. E. -----	Ball Ground, Georgia
Webb, Mrs. J. T. -----	Chamblee, Georgia
West, Miss Vera -----	Key, Alabama
Whelchel, Miss Evabelle -----	Murrayville, Georgia
Whelchel, Miss Marelle -----	Murrayville, Georgia
Woody, Mr. U. S. -----	Danielsville, Georgia

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## HEADQUARTERS AND BAND, R. O. T. C. NORTH GEORGIA AGRICULTURAL COLLEGE

### Field and Staff

Lt. Col. J. S. Tankersley, Jr.	2nd Lt. J. A. Abercromble
Major E. C. Keith	2nd Lt. J. W. Tippens
1st Lt. E. C. Harrison	Sgt. Major R. L. Edwards
1st Lt. R. C. Price	Color Sgt. A. H. Glasure
2nd Lt. A. C. Hutchins	Color Sgt. J. G. S. Kelth
2nd Lt. M. C. Kennemore	

### A Company

Captain J. W. McGarity

2nd Lt. W. J. Green  
Corporal J. E. Davis

#### First Section

1st Lt. J. C. Driskell  
1st Sgt. R. M. Walters  
Sgt. E. L. Anderson  
Sgt. W. E. Loughridge  
Corp. J. A. Green  
Corp. J. W. Griffin

#### Second Section

1st Lt. R. L. Malone  
2nd Lt. E. B. Barrett  
Sgt. J. R. Jones  
Sgt. W. C. Siler  
Corp. J. Y. Walker  
Corp. W. J. York

### B Company

Captain R. W. Kell

2nd Lt. D. B. Carroll  
Corp. C. E. Logan

#### First Section

1st Lt. P. G. Jones  
1st Sgt. S. J. McCurry  
Sgt. O. K. Haley  
Sgt. W. E. Goble  
Corp. E. O. Harrison  
Corp. G. C. Nelms

#### Second Section

1st Lt. C. P. Maddox  
2nd Lt. A. R. Housley  
Sgt. B. R. Taylor  
Sgt. E. G. Jarrard  
Corp. H. M. Lankford  
Corp. P. E. Parks

### Band

Captain G. L. Burden  
1st Sgt. R. D. Land  
Sgt. G. F. Maddox

Corp. H. L. Ash  
Corp. W. S. Derrick  
Corp. C. W. Jolley



# ROSTER OF STUDENTS FOR THE YEAR 1929-1930.

Abercromble, James Alfred	Dahlonega, Ga.	Senior	B.S.Com.
Akins, Marion June	Nashville, Ga.	Freshman	B.S.
Anderson, Eugene Lewis	Dahlonega, Ga.	Junior	B.S.Com.
Ash, Gladys Eva	Stone Mountain, Ga.	Freshman	Irreg.
Ash, Hughes Lanier	Dahlonega, Ga.	Sophomore	A.B.
Avery, Ida	Dahlonega, Ga.	Senior	A.B.Ed.
Banks, Herman Barnett	Fairmount, Ga.	Freshman	Pre-Med.
Barrett, Edward B., Jr.	Danielsville, Ga.	Senior	B.S.Com.
Beckman, Martin Price	Athens, Georgia	Freshman	B.S.Agr.
Blackwell, Ray	Calhoun, Georgia	Freshman	B.S.Com.
Boling, Fred Lee, Jr.	Ball Ground, Ga.	Sophomore	B.S.Com.
Bowen, Edith	Stockbridge, Ga.	Senior	A.B.
Bowen, Ruth	Stockbridge, Ga.	Freshman	A.B.
Boyd, Jeanne	Moultrie, Ga.	Freshman	B.S.Com.
Bridges, Wm. Harold	Carlton, Ga.	Freshman	B.S.Com.
Brooks, Fred Howard	Chamblee, Ga.	Freshman	E.M.
Brown, Joseph Pinkney	Cornelia, Ga.	Sophomore	B.S.Ed.
Bruce, Annie Laura	Dahlonega, Ga.	Freshman	B.S.Ed.
Bryant, Wheeler	Madison, Ga.	Freshman	B.S.
Bulice, Guy Dean	Suwannee, Ga.	Freshman	B.S.Ed.
Bullock, Oscar C.	Warm Springs, Ga.	Freshman	Irreg.
Burch, Alex Wellington	Lincolnton, Ga.	Freshman	B.S.Com.
Burden, Florence	Danielsville, Ga.	Sophomore	A.B.
Burden, George L.	Danielsville, Ga.	Senior	A.B.
Burnette, William R.	Royston, Ga.	Senior	A.B.Ed.
Campbell, Sherrod R.	Mansfield, Ga.	Freshman	E.M.
Carlton, Mrs. Charles	Dahlonega, Ga.		Special.
Carroll, Dennis Boyne	Grayson, Ga.	Senior	A.B.Ed.
Carter, Gerald Manning	Dahlonega, Ga.	Freshman	E.M.
Carter John M.	Morganton, Ga.	Senior	A.B.Ed.
Chambers, Howard	Lula, Georgia	Freshman	B.S.
Chapman, Fannie Lou	Dahlonega, Ga.	Sophomore	A.B.
Chastain, Joseph Robert	Talking Rock, Ga.	Sophomore	B.S.
Cheek, Hugh Giles	Lawrenceville, Ga.	Senior	B.S.Ed.
Cochran, Archie Lee	Dahlonega, Ga.	Freshman	B.S.Com.
Conner, Miss Lena	Dahlonega, Ga.		Special.
Cooke, Thelma Gastina	Jasper, Georgia	Freshman	B.S.Ed.
Cornwell, Ralph Lee	Monticello, Ga.	Freshman	B.S.
Cown, Leola	Loganville, Ga.	Senior	A.B.
Cox, Nannie Mark	Maysville, Ga.	Junior	A.B.Ed.
Crenshaw, Donald	Dahlonega, Ga.	Freshman	E.M.
Davis, Berta Lee	Dahlonega, Ga.	Senior	A.B.Ed.
Davis, Hope Patton	Danielsville, Ga.	Senior	Irreg.
Davis, John Edwin	Taylorsville, Ga.	Sophomore	B.S.Com.
Dean, Robert Pink	Eastanollee, Ga.	Freshman	Irreg.
Derrick, Stewart	Oglethorpe, Ga.	Sophomore	E.M.
Driskell, Clifton	Gainesville, Ga.	Freshman	B.S.
Driskell, John Cleburne	Gainesville, Ga.	Senior	B.S.
Duckett, Rufus John	Dahlonega, Ga.	Freshman	B.S.Com.
Dyer, Glanca	Dahlonega, Ga.	Junior	A.B.
Eberhardt, Robert Hamilton	Carlton, Ga.	Freshman	B.S.Com.
Edwards, Ross Lenmore	Morganton, Ga.	Junior	B.S.Com.

# ROSTER OF STUDENTS FOR THE YEAR 1929-1930.

Ellard, Lamar Mitchell	Cornella, Ga.	Irreg.
Faulkner, Edgar	Lula, Georgia	B.S.Ed.
Fincher, Ina Jon	Covington, Ga.	A.B.Ed.
Fisher, Olin Nesbit	Covington, Ga.	B.S.Com.
Forrester, Leone	Walnut Grove, Ga.	B.S.Ed.
Fort, Robert Bridges	Hamilton, Ga.	B.S.Com.
Freeman, Oliver Garland	Toccoa, Ga.	B.S.
Fricks, Robert Lee	Braselton, Ga.	B.S.
Glasure, Alton H.	Commerce, Ga.	A.B.
Goble, William E.	Whitestone, Ga.	A.B.
Goode, Clifford Carter	Carnesville, Ga.	B.S.
Green, James Allen	Clayton, Ga.	B.S.
Green, William Jesse	Clayton, Ga.	E.M.
Griffin, John Willie	Gibson, Ga.	Irreg.
Grogan, R. G.	Cochran, Ga.	Special.
Haley, Olin	Commerce, Ga.	B.S.Com.
Hamby, Emory	Etowah, Tenn.	B.S.Com.
Hames, George Pierce	Canton, Ga.	B.S.
Hammond, Walter	Elberton, Ga.	B.S.Ed.
Harris, Charles Leon	Cordele, Ga.	B.S.Agr.
Harrison, Ernest C.	Bethlehem, Ga.	B.S.
Harrison, Eugene Oscar	Toccoa, Ga.	E.M.
Hawkins, Harvey Eugene	Cordele, Ga.	P.S.
Hayes, George Woodruff	Jasper, Ga.	Irreg.
Head, Helen	Dahlonega, Ga.	A.B.
Holland, George Lovick	Commerce, Ga.	B.S.
Hollis, James	Rutledge, Ga.	B.S.Com.
Hood, Carl Marvin	Athens, Ga.	B.S.Com.
Hood, Elizabeth Otera	Oxford, Ga.	B.S.Ed.
Hood, Sarah	Oxford, Ga.	B.S.Com.
Housley, Augustus Rebb	Dahlonega, Ga.	Irreg.
Howard, Marcus Lorraine	Dawsonville, Ga.	E.M.
Hubbard Edwin	Carnesville, Ga.	B.S.
Huff, Ernest J.	Rockmart, Ga.	B.S.Agr.
Hutchins, Andrew Charles	Winder, Ga.	E.M.
Jarrard, Ernest Garland	Dahlonega, Ga.	A.B.Ed.
Jolley, Clyde Wesley	Taylorville, Ga.	B.S.
Jones, Frances Hamilton	Dahlonega, Ga.	A.B.
Jones, John Ralph	Dahlonega, Ga.	B.S.Com.
Jones, Paul Griffin	Lula, Georgia	B.S.Com.
Keith, Elswick Clinton	Eton, Georgia	B.S.Com.
Keith, Julian George	Eton, Georgia	E.M.
Kell Richard Wayne	Decatur, Ga.	E.M.
Kennemore, Frank Milton	Cumming, Ga.	B.S.
Kennemore, Malcolm Clyde	Cumming, Ga.	A.B.
Kimzey, Irwin Rabun	Cornelia, Ga.	Irreg.
Kincaid, Beauchamp	Blue Ridge, Ga.	B.S.
Kincaid, Miss Johnnie	Blue Ridge, Ga.	A.B.Ed.
Kirbo, Joseph	Camilla, Ga.	B.S.Com.
Land, Robert Dudley	Arlington, Ga.	B.S.Com.
Langston, Paul Leon	Calhoun, Ga.	B.S.Com.
Lankford, Henry Moncrief	Pearson, Ga.	B.S.Com.

# ROSTER OF STUDENTS FOR THE YEAR 1929-1930.

Lathem, John Tabor	Bessemer, Ala.	Freshman	E.M.
Leverett, Guinn Osborn	Toccoa, Georgia	Sophomore	E.M.
Logan, Clinton Elmo	Athens, Ga.	Junior	A.B.Ed.
Loughridge, Wright Eugene	Eton, Georgia	Junior	E.M.
Lovingood, Eston Alexander	Kennesaw, Georgia	Freshman	B.S.Com.
Luck, Lila	College Park, Ga.		B.S.Ed.
Lummus, Miss Opal	Orange, Ga.		Special.
Lunsford, Harlan Fontaine	Shellman, Ga.		A.B.
Maddox, Charles Posey	Hoschton, Ga.	Senior	B.S.
Maddox, Guy Fowler	Winder, Ga.	Senior	B.S.
Malone, Robertson Lee	Mansfield, Ga.	Senior	E.M.
Martin, Mrs. Eula	Dahlonega, Ga.		Special.
Martin, Lewis Tabor	Ellijay, Ga.	Sophomore	B.S.Com.
Mason, J. R.	Swainsboro, Ga.	Senior	A.B.
McConnell, Richard S.	Dahlonega, Ga.	Junior	E.M.
McCurry, Smith Jediah	Canton, Ga.	Junior	B.S.Ed.
McGarity, John Wilson	Covington, Ga.	Junior	B.S.Ed.
McGuire, Mis Alma	Dahlonega, Ga.		Special.
McKee, Anne Virginia	Moultrie, Ga.		Special.
McLeroy, Vyndetta	Jersey, Ga.		B.S.Ed.
Meaders, B. R.	Dahlonega, Ga.	Freshman	B.S.Com.
Moore, James Leon	Dahlonega, Ga.	Senior	B.S.Com.
Morris, Shelby Jackson	Nashville, Ga.	Freshman	B.S.
Moss, Otis Rebety	Eastanollee, Ga.	Freshman	B.S.
Mote, Annie Mae	Dahlonega, Ga.		Special.
Nelms, George Cleo	Commerce, Ga.	Sophomore	B.S.Com.
Nelson, Florence	Dahlonega, Ga.	Sophomore	A.B.
Nelson, Mrs. H. E.	Dahlonega, Ga.		Special.
Newman, Anne	Fort Pierce, Fla.	Senior	A.B.Ed.
O'Neal, Solomon Cecil	Stapleton, Ga.	Sophomore	Pre-Med.
Palmour, William	College Park, Ga.	Sophomore	A.B.
Parks, Perry Eston	Gainesville, Ga.	Sophomore	E.M.
Perry, Ebbie Louise	Dahlonega, Ga.	Senior	A.B.Ed.
Ponder, Ruth Mabel	Armuchee, Ga.	Freshman	A.B.Ed.
Powell, Roy	Bartow, Ga.	Freshman	B.S.Com.
Price, Ralph Conwell	Griffin, Ga.	Senior	B.S.Com.
Quillian, Amzr Rudolph	Brookton, Ga.	Freshman	B.S.
Reagan, Beatrice	Covington, Ga.	Freshman	B.S.Com.
Rheberg, Steven Candler	Covington, Ga.	Freshman	B.S.Com.
Rice, E. G.	Dahlonega, Ga.		Special.
Richardson, John Whitlow	Gainesville, Ga.		Irreg.
Scott, Marcus Thomas	Headland, Alabama	Sophomore	E.M.
Sewell, James Pinkney	Newnan, Ga.	Freshman	B.S.
Sheats, James N.	Winder, Ga.	Freshman	B.S.Com.
Shope, Thomas Berry	Murrayville, Ga.	Sophomore	B.S.
Shouse, William	Madison, Ga.	Freshman	B.S.
Shugart, R. T.	Calhoun, Ga.	Freshman	B.S.Com.
Shultz, Fannie Lee	Dahlonega, Ga.	Junior	A.B.
Siler, Welmer Clark	Warrenton, Ga.	Junior	E.M.
Smith, D. C.	Oglethorpe, Ga.	Freshman	B.S.
Smith, Rubye Montez	Dahlonega, Ga.	Junior	A.B.Ed.
Southwell, Ruby Dorcas	Pineora, Ga.	Sophomore	A.B.Ed.

## ROSTER OF STUDENTS FOR THE YEAR 1929-1930.

Stanton, Gordon M.	Hastings, Florida	Freshman	B.S.Ed.
Stargel, Mabel	Dahlonega, Ga.		Special.
Stegall, Charles Edward	Jasper, Ga.	Sophomore	E.M.
Stephens, Claud Thomas	Covington, Ga.	Freshman	B.S.Ed.
Stevens, Ed Watkins	Carlton, Ga.	Freshman	B.S.Com.
Tankersley, James Simpson, Jr.	Ellijay, Ga.	Senior	B.S.Com.
Taylor, B. R., Jr.	Dawsonville, Ga.	Junior	B.S.Com.
Taylor, Carol	Dawsonville, Ga.	Sophomore	B.S.Com.
Thompson, Harrison C.	Griffin, Ga.	Sophomore	B.S.Com.
Tippens, Joseph Walter	Canton, Ga.	Senior	A.B.Ed.
Tippens, Mae	Canton, Ga.	Sophomore	B.S.Ed.
Tolbert, C. H.	Dahlonega, Ga.		Special.
Walker, Charlie Clayton	Dahlonega, Ga.	Junior	B.S.Com.
Walker, J. Y.	Athens, Ga.	Sophomore	B.S.Com.
Walters, Robert Mason, Jr.	Martin, Ga.	Junior	E.M.
Waters, Thomas Landon	Laurens, S. C.	Sophomore	B.S.Com.
Watts, Earl	Tiger, Ga.	Freshman	B.S.
Weaver, David A.	New York, N. Y.		Special.
West, Mrs. Walter	Dahlonega, Ga.		Special.
Williams, Harry Lee	Stapleton, Ga.	Freshman	B.S.Com.
Wood, Fred C.	Commerce, Ga.	Freshman	B.S.
Wood, James, Jr.	Brooks, Ga.	Freshman	B.S.Com.
Wood, Wilbur W.	Cuthbert, Ga.	Sophomore	B.S.Com.
Woody, Cline Edward	Dahlonega, Ga.	Senior	B.S.Com.
Woody, John C.	Danielsville, Ga.	Freshman	A.B.Ed.
York, William Jesse	Mountain City, Ga.	Sophomore	E.M.

To the Principal of High School:

Please note here any facts concerning the student's character, home and other influences, weakness as well as elements of strength, etc., which would be of value to the Dean in his capacity as official adviser.

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ADMISSION  
(To be filled by the College)

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Class -----	Course -----
Tentative credit is given for the following High School units, but all students enter on probation and are subject to denotion if they fail to maintain the records shown by their transcripts:	
English -----	General Science -----
Latin -----	Biology -----
French -----	Chemistry -----
Spanish -----	Physics -----
History and Civics -----	-----
Algebra -----	-----
Plane Geometry -----	-----
Solid Geometry -----	-----
Total -----	

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Chairman, Course Committee.



Uniform Certificate Blank  
of Southern Association of  
Colleges and Secondary  
Schools.

CERTIFICATE OF RECOMMENDATION  
FOR ADMISSION TO  
**NORTH GEORGIA COLLEGE**  
DALLONOGA

P. O. \_\_\_\_\_

\_\_\_\_\_ of \_\_\_\_\_  
Street and Number City State

THIS IS TO CERTIFY THAT \_\_\_\_\_  
is of good moral character and has attended \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_; that (he or she) has completed the work shown in detail below  
and was graduated in the year 19\_\_\_\_ I \_\_\_\_\_ the applicant for admission to \_\_\_\_\_  
in the \_\_\_\_\_ Course or Department \_\_\_\_\_  
Age of applicant \_\_\_\_\_  
Date \_\_\_\_\_

(He is in the \_\_\_\_\_  
upper \_\_\_\_\_ third of his class)  
lower

Signed \_\_\_\_\_  
Principal or Superintendent.

The grade of work done should be indicated in letters as follows: A, B, C, D, above a pass; E or F below a pass, or in degrees.  
High School work done in a previous school is included below, the name of the school should be given in the "Remarks" column. No work done in grades below the  
should be used or crossed out. This record should be sent by the Principal to the college.

DIRECTIONS

STUDIES	Year Studied 1, 2, 3, 4				No. Weeks Studied	No. Rec. Per Week	Grade of Work Done	Unit Credit	AMOUNT OF TEXT COVERED: Remarks	STUDIES	Year Studied 1, 2, 3, 4				No. Weeks Studied	No. Rec. Per Week	Grade of Work Done	Unit Credit	AMOUNT OF TEXT COVERED: Remarks
ENGLISH—First Year										GENERAL SCIENCE									
Second Year										Laboratory									
Third Year										BIOLOGY									
Fourth Year										Laboratory									
History of Literature										CHEMISTRY									
GREEK—First Year										Laboratory									
Second Year										PHYSICS									
Third Year										Laboratory									
LATIN—First Year										PHYSIOGRAPHY									
Second Year										PHYSIOLOGY									
Third Year										ZOOLOGY									
Fourth Year										Laboratory									
GERMAN—First Year										AGRICULTURE—1st Yr.									
Second Year										Second Year									
Third Year																			
Fourth Year										BOOKKEEPING									
SPANISH—First Year										STENOGRAPHY									
Second Year										TYPEWRITING									
Third Year										HOME ECONOMICS									
Fourth Year										FREEHAND DRAWING									
HISTORY—Ancient										MECH. DRAWING									
Medieval and Modern										MANUAL TRAINING									
English										MUSIC									
United States										NORMAL TRAINING									
Civics										Other Subjects									
ALGEBRA—Elementary																			
Advanced																			
GEOMETRY—Plane																			
Solid										Is School Accredited?.....									

Training Grade in School \_\_\_\_\_ Grade required for Recommendation to College \_\_\_\_\_ Length of Recitation Period \_\_\_\_\_  
Please fill out the blank completely and accurately, using greenwriter if convenient. Specify by (Yr) any subjects taken subsequent to graduation.

It is expected that the principal will recommend not all graduates but only those whose character, ability, application, and scholarship are such that the school  
is willing to stand sponsor at their success at the college or university.









